

ATLAS GENTECH

Security Alarms Catalogue

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY

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CONCEPT 4000



ASSA ABLOY



ATLAS GENTECH

DATA COMMUNICATIONS SECURITY

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1	PARADOX SP	4		6	INNER RANGE INCEPTION.....	95
	Paradox Compatibility Chart	5			Inception Controller & Accessories	96
	SP System Architecture	6		7	INNER RANGE CONCEPT	97
	SP Wireless Architecture	7			Concept 4000 System Architecture.....	98
	SP Control Panels	8			Concept Control Equipment.....	100
	SP Keypads	10			Insight Software.....	101
	SP Expansion Modules	12			Access Control	105
	SP Wireless Devices.....	13			Input / Output Expansions	107
	SP Communicator Modules.....	18			Terminals.....	109
	SP Software & Accessories	20			Other LAN Modules	110
					Miscellaneous Equipment	112
2	PARADOX MAGELLAN.....	22		8	ACCESS CONTROL	114
	Paradox Compatibility Chart	23			HID iCLASS SE Readers	115
	MG5050 System Architecture.....	24			HID multiCLASS SE & Biometric Readers.....	116
	MG Wireless Architecture	25			HID Mobile Access	117
	MG5050 Control Panel	26			HID Proximity Readers	118
	MG6250 Control Panel	27			HID iClass & Proximity Cards	119
	MG Keypads	28			HID Fargo Card Printers & EasyLobby SVM	121
	MG Expansion Modules.....	30			PosiProx Readers	124
	MG Wireless Devices.....	31			PosiProx Cards.....	125
	MG Communicator Modules.....	36			Wireless Access, Standalone Access & Keypads....	126
	MG Software & Accessories	38			ACTatek Time & Attendance Units	128
3	PARDOX EVO	40		9	LOCKS & DOOR HARDWARE	129
	Paradox Compatibility Chart	41			Electromagnetic (Mag) Locks	130
	EVO System Architecture	42			Electric Mortice Locks System Architecture	132
	EVO Wireless Architecture	43			Electric Mortice Locks	133
	EVO Control Panels and Keypads	44			Drop Bolt & Strike Locks.....	135
	EVO Expansion Modules.....	46			Door Loops, Request to Exit Buttons etc	138
	EVO BUS Detectors	47		10	OTHER WIRELESS EQUIPMENT	141
	EVO Access Control.....	48			MicroLatch Transmitters & Receivers.....	142
	EVO Speciality Accessories	49			Wireless Sherlotronics	143
	EVO Wireless Devices	50		11	INTERCOMS	145
	EVO Communicator Modules.....	55			Slender Doorphones.....	147
	EVO Software & Accessories	57		12	SECURITY ACCESSORIES	148
4	DETECTORS & SOUNDERS	58			Power Supplies & Batteries.....	149
	Paradox Passive Infrared Detectors (PIRs).....	59			Cables	152
	Paradox EVO BUS Detectors.....	62			Cable Tackers & Drill Bits.....	154
	Paradox PIR Lenses & Brackets.....	63			Crimps, Connectors & Cam Locks.....	155
	Paradox Seismic & GlassBreak Detectors.....	64			Relay Boards.....	156
	Fire, Heat & Smoke Detectors	65			Cabinets & Accessories	158
	Point-to-Point Beams	67		13	MONITORING STATIONS.....	159
	Reed Switches & Hold Up Buttons.....	68			Monitoring Station Receivers & Diallers.....	160
5	INNER RANGE INTEGRITI.....	74			Diallers, IP & GSM Back-Up	161
	Configuration Table & Compatibility Chart	75			Radio Monitoring Equipment	163
	Deployment Architecture	76				
	Control Modules.....	77				
	Smart Card Licensing	78				
	Professional Software Licensing.....	79				
	Professional Software Suite	80				
	Commissioning Software & Mobile License	83				
	LAN Modules	84				
	Unibus Modules.....	86				
	Access Control Modules.....	87				
	Input / Output Expansion.....	89				
	Terminals.....	90				
	Other LAN Modules	91				
	Miscellaneous Equipment.....	92				
	Enclosure Options.....	93				
	Power Supplies Accessories.....	94				



Paradox SP:

- ▶ Paradox Compatibility Chart
- ▶ SP System Architecture
- ▶ SP Wireless Architecture
- ▶ SP Control Panels
- ▶ SP Keypads
- ▶ SP Expansion Modules
- ▶ SP Wireless Devices
- ▶ SP Communicator Modules
- ▶ SP Software & Accessories

Paradox SP Solution

SP is an ideal security system for any residential or commercial installation that require up to 32 zones of protection.

Paradox SP offers a combination of innovative features and an advanced communication bus for a unique expandable security system.

With the introduction of the SP series, the reliability of Spectra panels is expanded to provide you with more features, such as StayD, more on-board zones (expandable to 32), more on-board PGMs (expandable to 16), and support for the new GSM Module (PCS Series), Plug-In Voice Dialer (VDMP3) and Internet Module (IP100). With their in-field firmware upgrade capability, the SP series allows installers to upgrade their system without hassle — quickly, easily and on site. And to further facilitate installation, every SP series panel can be configured using easy-to-follow menu-driven programming.

Experience a new way of living with StayD offered in the SP Series. StayD simplifies your life and makes it safer by protecting you 24 hours a day, 7 days a week without ever having to disarm the system — even when entering an armed area. StayD lives with you and protects you at all times, without any unprotected periods, and while automatically re-arming the system so you don't have to remember to do it.

Paradox Compatibility Chart

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PARADOX CONTROL SYSTEMS	SP4000	SP5500	SP6000	MG5050	MG6250	EVO192
Specifications						
On-Board Zones/Maximum Zones	4/32	5/32	8/32	5/32	2/64	8/192
On-Board PGMs/Maximum PGMs	1/12	2/16	2/16	4/16	2/8	5/250
User Codes	32	32	32	32	32	999
Partitions	2	2	2	2	2	8
Wireless Receiver on Board	No	No	No	Yes	Yes	No
Access Control Doors	0	0	0	0	0	32
Keypads: LED						
K636 - 10 Zones, 1 Partition (Horizontal)	Yes	Yes	Yes	Yes	No	No
K10H - 10 Zones, 2 Partitions (Horizontal)	Yes	Yes	Yes	Yes	No	No
K10V - 10 Zones, 2 Partitions (Vertical)	Yes	Yes	Yes	Yes	No	No
K32 - 32 Zones, 2 Partitions	Yes	Yes	Yes	Yes	No	No
Keypad: LCD						
K32LCD - 32 Zones, 2 Partitions	Yes	Yes	Yes	Yes	No	No
K641 - 192 Zones, 8 Partitions	No	No	No	No	No	Yes
K641R - 192 Zone, 8 Partitions, Built-in Access Control	No	No	No	No	No	Yes
K32LX - 32 Zones, 2 Partitions, Built-in Transceiver	Yes	Yes	Yes	No	No	No
Keypads: FIXED ICON						
K35 - Fixed Icon, 32 Zones, 2 Partitions	Yes	Yes	Yes	Yes	No	No
K37 - Fixed Icon, 32 Zones, 2 Partitions, Wireless	No	Yes*	Yes*	Yes	No	No
Touch Screen						
TM50	Yes**	Yes	Yes	Yes	No	Yes
Expansion Modules						
ZX1	No	No	No	No	No	Yes
ZX4	No	No	No	No	No	Yes
ZX8	Yes	Yes	Yes	Yes	No	Yes
ZX8SP	Yes	Yes	Yes	Yes	No	No
PGM-4	Yes	Yes	Yes	Yes	No	Yes
HUB2	Yes	Yes	Yes	Yes	No	Yes
Wireless Receivers						
RX1 - (Does not support 2 Way Wireless Devices)	1	1	1	No	No	No
RTX3 - Transceiver	1	1	1	No	No	Up to 254
K32LX - Keypad Transceiver	1	1	1	No	No	No
RPT1 - Repeater	No	2*	2*	2	4	No

* Compatible when using a Wireless Receiver/RTX3

** Compatible when using version 4.9 and above only

SP System Architecture

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15505: SP4000, 4 to 32 Zones
15515: SP5500, 5 to 32 Zones
15520: SP6000, 8 to 32 Zones



35270: PCS 250



15398: IP150 Internet Module



15333: VDMP3 Plug-in Voice Module



15358P: HUB2 2 Port Hub & Bus Isolator

SP Accessories

15620: PMC5 Memory Key
15162: 307USB Direct Connect Interface
BabyWare PC Software

4-Wire Expansion BUS



15578B/VV: TM50 Touch

SP Hardwired Keypads

15580: K32LCD 32 Zone LCD Keypad
15577: K35 32 Zone Fixed LCD Keypad
15575: K32 32 Zone LED Keypad
15570: K10H 10 Zone Horizontal LED Keypad
15570v: K10V 10 Zone Vertical LED Keypad
15572: K636 10 Zone LED Keypad (1 Partition)
15578B/VV: TM50 Touch - Intuitive Touchscreen

SP Hardwired Expansion Modules



15463: ZX8SP 8 Zone Expansion Module
15362: PGM4 4 PGMs Expansion Module
15350: ZX8 8 Zone Expansion Module

15463: ZX8SP 8 Zone Expansion Module



SP Wireless Expansion Modules



10403RX: RX1

OR



10401MG: RTX3

SP Wireless Architecture

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Wireless Repeater Module



10430: RPT1 Wireless Repeater Module



10419MG: GS250 GPower
Wireless Multi-Axis Detector



10422: NVR780
Wireless Outdoor Detector



15577RF: K37 32-Zone Wireless Fixed Icon Keypad



10408:
REM15
4-Button
Remote



10412MG:
REM1
4-Button
Remote



10413MG:
REM2
2-Way Button
Remote



10409:
REM3
2-Way
Remote



10407MG:
REM101
Single Button
Transmitter



10425: 2WPGM
2-Way Wireless PGM



10424: GlassBreak



10420MG:
WS588P
Smoke Detector



10421MG:
WH588P
Heat Detector



10423MG: WC588P
Carbon Monoxide
Detector



10410MG:
PMD2P
Wireless PIR



10411MG:
PMD75
Pet Immunity PIR



10417MG:
PMD85
Outdoor PIR



10415MG: DCT2
Ultra Small
Door Contact



10414MG: DCT10
2-Zone Long-Range
Door Contact



10440:
SR150
2 Way Wireless External Siren



SP Control Panels

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15505



SP4000 - 4 TO 32 ZONE SYSTEM

15505P	SP4000 - PCB only
15505Z	SP4000 - Small Cabinet
15505ZX	SP4000 - Small Cabinet - Plug Pack
15505	SP4000 - Small Cabinet - K636 Keypad
15505V	SP4000 - Small Cabinet - K10V Vertical Keypad
15505VX	SP4000 - Small Cabinet - K10V Vertical Keypad - Plug Pack
15505TB	SP4000 - Small Cabinet - TM50 Touch-Black
15505TW	SP4000 - Small Cabinet - TM50 Touch-White
65001	SP4000 Recession Buster Kit with WP06 Siren: SP4000 Panel, 1 x K636 Simplified Keypad, 2 x Pro PIRs, 1 x PS219 F/Ring Piezo, 1 x WP06 Mini External Siren, 1 x MX12030 Battery 12v 3.0 amphr
65002	SP4000 Recession Buster Kit with PC7 Siren: SP4000 Panel, 1 x K636 Simplified Keypad, 2 x Pro PIRs, 1 x PS219 F/Ring Piezo, 1 x PC7 External Siren/Strobe, 1 x MX12030 Battery 12v 3.0 amphr
65005	SP4000 Recession Buster Kit with WP06 & K10H: SP4000 Panel in Paradox Cabinet, 1 x K10H 10 Zone Horizontal Keypad, 2 x Pro PIRs, 1 x PS219 F/Ring Piezo, 1 x WP06 Mini External Siren, 1 x MX12030 Battery 12v 3.0 amphr
65005V	SP4000 Recession Buster Kit with WP06 & K10V: SP4000 Panel in Paradox Cabinet, 1 x K10V 10 Zone Vertical Keypad, 2 x Pro PIRs, 1 x PS219 F/Ring Piezo, 1 x WP06 Mini External Siren, 1 x MX12030 Battery 12v 3.0 amphr
65008	SP4000 Envy Value Pack: SP4000 Panel in Paradox Cabinet, 1 x K10H 10 Zone Horizontal Keypad, 2 x NV500s, 1 x PS219 F/Ring Piezo, 1 x WP06 Mini External Siren and 1 x MX12030 Battery 12v 3.0 amphr
65008V	SP4000 Envy Value Pack: SP4000 Panel in Paradox Cabinet, 1 x K10V 10 Zone Vertical Keypad, 2 x NV500s, 1 x PS219 F/Ring Piezo, 1 x WP06 Mini External Siren and 1 x MX12030 Battery 12v 3.0 amphr

15515



SP5500 - 5 TO 32 ZONE SYSTEM

15515P	SP5500 - PCB only
15515Z	SP5500 - Small Cabinet
15515ZX	SP5500 - Small Cabinet - Plug Pack
15515	SP5500 - Small Cabinet - K10H Keypad
15515X	SP5500 - Small Cabinet - K10H Keypad - Plug Pack
15515V	SP5500 - Small Cabinet - K10V Keypad
15515VX	SP5500 - Small Cabinet - K10V Keypad - Plug Pack
15515L	SP5500 - Small Cabinet - K32 LED Keypad
15515LX	SP5500 - Small Cabinet - K32 LED Keypad - Plug Pack
15515I	SP5500 - Small Cabinet - K32 Icon Keypad
15515IX	SP5500 - Small Cabinet - K32 Icon Keypad - Plug Pack
15515C	SP5500 - Small Cabinet - K32LCD Keypad
15515CX	SP5500 - Small Cabinet - K32LCD Keypad - Plug Pack
15515TB	SP5500 - Small Cabinet - TM50 Touch-Black
15515TW	SP5500 - Small Cabinet - TM50 Touch-White

SP Control Panels

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15520



SP5500 SMART KITS

65120	SP5500 - Smart Kit - Small Cabinet - K10H Keypad - 2x Pro+ PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65120I	SP5500 - Smart Kit - Small Cabinet - K35 Icon Keypad - 2x Pro+ PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65120V	SP5500 - Smart Kit - Small Cabinet - K10V Keypad - 2x Pro+ PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65120VX	SP5500 - Smart Kit - Small Cabinet - Plug Pack - K10V Keypad - 2x Pro+ PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65120X	SP5500 - Smart Kit - Small Cabinet - Plug Pack - K10H Keypad - 2x Pro+ PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65121	SP5500 - Smart Pet Kit - Small Cabinet - K10H Keypad - 2x DG75 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65121V	SP5500 - Smart Pet Kit - Small Cabinet - K10V Keypad - 2x DG75 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65121VX	SP5500 - Smart Pet Kit - Small Cabinet - Plug Pack - K10V Keypad - 2x DG75 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65121X	SP5500 - DG Smart Kit - Small Cabinet - Plug Pack - K10H Keypad - 2x DG55 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65122	SP5500 - DG Smart Kit - Small Cabinet - K10H Keypad - 2x DG55 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65122V	SP5500 - DG Smart Kit - Small Cabinet - K10V Keypad - 2x DG55 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65122VX	SP5500 - DG Smart Kit - Small Cabinet - Plug Pack - K10V Keypad - 2x DG55 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65122X	SP5500 - DG Smart Kit - Small Cabinet - Plug Pack - K10H Keypad - 2x DG55 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery

15520



SP6000 - 8 TO 32 ZONE SYSTEM

15520P	SP6000 - PCB only
15520Z	SP6000 - Small Cabinet
15520	SP6000 - Small Cabinet - K10H Keypad
15520V	SP6000 - Small Cabinet - K10V Keypad
15520L	SP6000 - Small Cabinet - K32 LED Keypad
15520I	SP6000 - Small Cabinet - K35 Icon Keypad
15520C	SP6000 - Small Cabinet - K32LCD Keypad
15520TB	SP6000 - Small Cabinet - TM50 Touch-Black
15520TW	SP6000 - Small Cabinet - TM50 Touch-White

15525



SP7000 - 16 TO 32 ZONE SYSTEM

15525P	SP7000 - PCB only
15525Z	SP7000 - Cabinet
15525X	SP7000 - Small Cabinet - Plug Pack
15525TW	SP7000 - Small Cabinet - TM50 Touch-White

SP Keypads

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15578

TM50 - INTERFACE TOUCH SCREEN



- ▶ Thin, sleek design
 - 5.0 in. / 12.7 cm vivid color display (480 x 272 pixels)
 - Intuitive, icon-based menus - no manual needed
- ▶ Control up to 8 PGM outputs
- ▶ In-field firmware upgradable via micro SD card
- ▶ Powerful advanced processor
- ▶ 1 zone/temperature input to connect a detection device or a TEMPO7 (External Temperature Sensor)
- ▶ Customized translation via web application
- ▶ Surface-mount installation only; dimensions 14.4 x 9.6 x 1.4 cm (5.7 x 3.8 x 0.6 in.)
- ▶ Available in classic Piano Black and Pristine White, as well as other exciting designer colors

15578B	TM50 Touch - Interface Touch Screen - Black
15578VW	TM50 Touch - Interface Touch Screen - White
15579	TM50 Touch - Spot On Locator & Onescreen Monitoring License
15314	TM50 Touch - External Temperature Sensor
90123	TM50 Touch - Briefcase Display Unit
15579AG	TM50 Touch - Cover - Apple Green
15579SIL	TM50 Touch - Cover - Silver
15579RB	TM50 Touch - Cover - Royal Blue
15579VV	TM50 Touch - Cover - Vivid Violet
15579CR	TM50 Touch - Cover - Crimson Red

15572

K636 - 10 ZONE HARDWIRED LED (SIMPLIFIED) KEYPAD



- ▶ Compatible with E55, MG5000, MG5050 and Spectra SP series
- ▶ Single partition keypad
- ▶ 10-Zone LED display
- ▶ StayD status LED
- ▶ Patented key light display (button lights up to indicate an open zone)
- ▶ Arm, sleep, stay and off keys illuminate to indicate partition status
- ▶ Adjustable backlight

15570

K10H - 10 ZONE HORIZONTAL LED KEYPAD



- ▶ Compatible with MG5000, MG5050 and Spectra SP series
- ▶ Supports StayD Mode
- ▶ 10-Zone LED display
- ▶ Separate arm, sleep, stay and off LED's per partition
- ▶ Patented key light display (button lights up to indicate an open zone)
- ▶ 1 keypad zone input
- ▶ Independently set chime zones
- ▶ 7 One-touch action buttons
- ▶ 3 Keypad-activated panic alarms
- ▶ Adjustable backlight
- ▶ Connects to 4-wire communication bus

15570V

K10V - 10 ZONE VERTICAL LED KEYPAD



- ▶ Compatible with MG5000, MG5050 and Spectra SP series
- ▶ Supports StayD Mode
- ▶ 10-Zone LED display
- ▶ Separate arm, sleep, stay and off LED's per partition
- ▶ Patented key light display (button lights up to indicate an open zone)
- ▶ 1 keypad zone input
- ▶ Independently set chime zones
- ▶ 7 One-touch action buttons
- ▶ 3 Keypad-activated panic alarms
- ▶ Adjustable backlight
- ▶ Connects to 4-wire communication bus

SP Keypads

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15575

K32 - 32 ZONE HARDWIRED LED KEYPAD



- ▶ Compatible with MG5050 and SP series
- ▶ Supports StayD Mode
- ▶ 32-Zone LED display
- ▶ Separate arm, sleep, stay and Off LED's per partition
- ▶ In-field firmware upgrade via 307USB
- ▶ 1 keypad zone input
- ▶ Independently set chime zones
- ▶ 7 One-touch action buttons
- ▶ 3 Keypad-activated panic alarms
- ▶ Adjustable backlight
- ▶ Connects to 4-wire communication bus

15577

K35 - 32 ZONE HARDWIRED FIXED ICON LCD KEYPAD



- ▶ Compatible with MG5000, MG5050 and Spectra SP series V2.31 and up
- ▶ Fixed message display that guides in the operation of the system
- ▶ Displays the status of 32 zones in 2 partitions
- ▶ StayD status icon
- ▶ Displays arm, sleep, stay and disarmed status for each partition
- ▶ Displays troubles, bypassed zones and alarm memory
- ▶ Adjustable backlight
- ▶ In-field firmware upgrade via 307USB
- ▶ 1 Keypad zone input
- ▶ Independently set chime zones
- ▶ 8 One-touch action buttons
- ▶ 3 Keypad-activated panic alarms
- ▶ Connects to 4-wire expansion bus

15580

K32LCD - ALPHA NUMERIC 32 CHARACTER HARDWIRED LCD KEYPAD



- ▶ Compatible with MG5050 and SP series V2.31 and up
- ▶ Compatible with SP4000, V4.90 and up
- ▶ 32-Character blue LCD with programmable labels
- ▶ Realtime zone alarm display (until disarmed)
- ▶ In-field firmware upgrade via 307USB
- ▶ StayD status LED
- ▶ Menu-driven programming for easy system setup (installer and end user)
- ▶ 1 Keypad zone input
- ▶ Independently set chime zones
- ▶ 8 One-touch action buttons
- ▶ 3 Keypad-activated panic alarms
- ▶ Adjustable backlight, contrast and scroll speed
- ▶ Connects to 4-wire expansion bus

15577RF

K37 - 32 ZONE WIRELESS FIXED ICON LCD KEYPAD



- ▶ Compatible with MG5000/MG5050 V3.22, Spectra SP V3.00 and RTX3 V1.42
- ▶ Powered by 2 'AA' batteries (PA6 is optional)
- ▶ A 6V DC power adaptor (PA6 not included) is not required but can be used as an alternative power source
- ▶ Fixed message display that guides in the operation of the system
- ▶ Displays the status of 32 zones in 2 partitions
- ▶ Displays arm, sleep, stay and disarmed status for each partition
- ▶ Displays StayD, troubles, bypassed zones and alarm memory
- ▶ In-field firmware upgrade via 307USB
- ▶ Adjustable backlight
- ▶ Built-in transceiver
- ▶ Wireless range in a typical residential environment: 40m
- ▶ 8 One-touch action buttons
- ▶ 3 Keypad-activated panic alarms
- ▶ The 6V DC power adaptor is not required but can be used as an alternative power source (PA6 not included)

15577RF Paradox - K37 - 32 Zone Wireless Icon LCD Keypad

15577RFPP Paradox - PA6 - Power Pack 6vDC - for K37 Wireless Icon Keypad

SP Expansion Modules

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15350

ZX8 - BUS 8 ZONE EXPANDER MODULE



- ▶ Compatible with MG Series, SP Series, E Series, and Digiplex EVO
- ▶ Add 8 zones
- ▶ Selectable input resistors for EOL and Tamper
- ▶ 1 PGM output
- ▶ Use zone input as an anti-tamper switch input
- ▶ Support selectable EOL with V6.0

15463

ZX8SP - 8 ZONE EXPANSION MODULE



- ▶ Compatible with MG series, SP series, and E series
- ▶ Add 8 zones
- ▶ 1 PGM output
- ▶ Use zone input as an anti-tamper switch input

15362

PGM4 - 4 OUTPUT RELAY BUS MODULE



- ▶ Compatible with E55/E65 (V2.00), MG/SP (V3.00) and EVO
- ▶ 4 Fully programmable 5A relay outputs
- ▶ Deactivate PGM after event and/or timer
- ▶ Pulse PGM output for fire alarms
- ▶ In-field firmware upgradeable

15358P

HUB2 - 2 PORT LAN ISOLATOR



- ▶ Divide the bus into two completely isolated outputs (if one output fails, the other will continue to function)
- ▶ One input port, 2 completely isolated output ports
- ▶ Each output port provides communications up to 900m (3000ft)

SP Wireless Devices

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10430

RPT1 - REPEATER PCB



- ▶ Built-in transceiver (433MHz or 868MHz)
- ▶ Allows to extend the range of wireless communications
- ▶ Supports all MAGELLAN transmitters
- ▶ Select which zone, PGM and/or keypad signals are repeated
- ▶ Signal strength display
- ▶ 1 programmable 5A relay output
- ▶ Universal transmitter input (N.O./N.C.)
- ▶ In-field firmware upgrade via 307USB and Winload
- ▶ Wireless range in a typical residential environment:
 - 75m (240ft) with 433MHz;
 - 50m (160ft) with 868MHz
- ▶ Compatible with MG5000, MG5050, MG6160, MG6130, MG6250 and RTX3
- ▶ Note: The RPT1 is not supported by the RTX3 when connected to an EVO panel.
- ▶ AC input (16Vac, 20VA)
- ▶ Fits in 20cm x 25.5cm x 7.6cm (8in x 10in x 3in) and 28cm x 28cm x 7.6cm (11in x 11in x 3in) metal boxes

10401MG

RTX3 - WIRELESS RECEIVER



- ▶ Compatible with 728ULT, 738ULT, Spectra SP Series, Digiplex and Digiplex EVO
- ▶ 32 wireless zones (Spectra SP and EVO only)
- ▶ Maximum number of remote controls: 8 w/Esprit, 32 w/SP, 999 w/EVO
- ▶ Remote control compatibility
- ▶ EVO: REM1, REM2
- ▶ SP: REM1, REM2, REM3
- ▶ Esprit: REM1
- ▶ Stand Alone: REM1
- ▶ Wireless PGMs (8 w/EVO, 16 w/SP)
- ▶ Functions with all MAGELLAN transmitters
- ▶ Supports two RPT1 and eight K32IRF / K32IRF (Spectra SP only)
- ▶ In-field firmware upgradeable via CV4USB and Winload
- ▶ RF jamming supervision
- ▶ Low battery, tamper and check-in supervision
- ▶ Transmitter signal strength display
- ▶ 3 PGM outputs and 1 optional output
- ▶ Noise level test and indicator

10403 - 10406

RX1 - WIRELESS RECEIVER



- ▶ Compatible with SP series control panels (V4.54 and higher)
- ▶ 32 Wireless zones (SP series only)
- ▶ Maximum number of remote controls: 32
- ▶ Remote control compatibility: REM1, RAC1
- ▶ Transmitter compatibility: DCT10, DCTXP2, DCT2, PMD1P, PMD75, PMD85, SD738 (SP only)
- ▶ In-field firmware upgradable via In-Field firmware upgrade software
- ▶ RF Jamming supervision
- ▶ Low battery, tamper, and check-in supervision
- ▶ Transmitter signal strength display
- ▶ 2 PGMs outputs follow buttons 1 and 2 on REM1/REM15 (also programmable through the panel)

10403	RX1 Receiver - REM1 Remote
10403RX	RX1 Receiver - No Remotes
10404	RX1 Receiver - 2 x REM1 Remotes
10405	RX1 Receiver - REM15 Remote
10406	RX1 Receiver - 2 x REM15 Remotes

10407

REM101 - SINGLE BUTTON TRANSMITTER



- ▶ Water resistant
- ▶ Panic function allows user to instantly send panic signal to monitoring station
- ▶ Manually-activated battery test function
- ▶ Visual indicator (LED) for arming actions and battery testing
- ▶ Includes lanyard attachment to facilitate portability; optional wrist strap and belt clip also available
- ▶ Includes easily-replaceable CR2032 battery, with a battery life of 3 years
- ▶ Available in black or white colour
- ▶ Wireless range in a typical residential environment:
 - 30m (100ft) with MG6250 and RX1
 - 45m (150ft) with MG5050, K32LX and K641LX
 - 60m (200ft) with RTX3

10407	REM101 - Single Button Transmitter
10407B	BC101 - Belt Clip for REM101
10407WS	B101 - Wrist Strap for REM101
10407WB	WB101 - Wall Bracket for REM101

SP Wireless Devices

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10408

REM15 - 4 BUTTON REMOTE



- ▶ Slim, ergonomic design
- ▶ Water resistant
- ▶ Perform up to 5 different actions
- ▶ Wireless range in a typical residential environment:
 - 30m (100ft) with all-in-one consoles and RX1
 - 45m (150ft) with MG5050
 - 60m (200ft) with RTX3/RPT1
- ▶ Available in 433MHz or 868MHz

10409

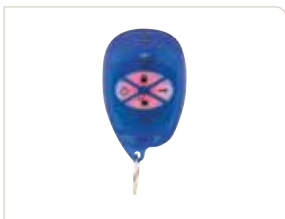
REM3 - HAND HELD 2 WAY REMOTE KEYPAD



- ▶ Compatible with MG5000, MG5050, and Spectra SP series V3.00 (or higher) and RTX3 V1.31 (or higher)
- ▶ Supports StayD
- ▶ System Status Memory: The REM3 will keep the last system status received from the control panel in memory. Momentarily press the Info button to display the last system status—even when out of range. Used to confirm the last action you did on the system while away from the system.
- ▶ Configure which partitions the REM3 arms/disarms
- ▶ Built-In Transceiver (433MHz or 868MHz)
- ▶ Independent Arm, Sleep, Stay and Off buttons and LED display per partition
- ▶ Control up to 6 PGMs and/or generate panics
- ▶ Keypad Mode: Requires code entry
- ▶ Remote Mode: One-touch arming / Disarming
- ▶ Installer Diagnostic Mode:
 - ▶ Partition 1 LEDs = Signal Strength Display
 - ▶ Partition 2 LEDs = RF Interference Display
- ▶ Provides visual and auditory feedback of system status
- ▶ Press the Status button to receive system status
- ▶ Label to identify remote control owner
- ▶ Compact, water-resistant design
- ▶ Size: 8cm x 3.4cm x 1.5cm (3.1in x 1.3in x 0.6in)

10412MG

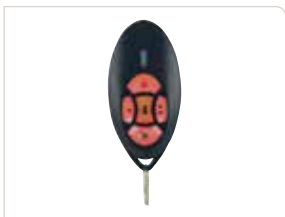
REM1 - 4 BUTTON REMOTE



- ▶ Water resistant, stylish clear blue plastic with backlight for buttons
- ▶ Perform up to 5 different actions
- ▶ Wireless range in a typical residential environment:
 - 30m (100ft) with MG6160 / MG6130
 - 45m (150ft) with MG5000 / MG5050
 - 60m (200ft) with RTX3
- ▶ Available in 433MHz or 868MHz

10413MG

REM2 - 2 WAY 5 BUTTON REMOTE



- ▶ Supports StayD (Version 2.0 or higher)
- ▶ System Status Memory: The REM2 will keep the last system status received from the control panel in memory. Momentarily press the Info button to display the last system status—even when out of range. Used to confirm the last action you did on the system while away from the system.
- ▶ Built-in transceiver (433MHz or 868MHz)
- ▶ Displays system status using visual (LED) and auditory feedback
- ▶ Press the Status button at any time to receive the system status
- ▶ Perform up to 6 different actions per remote control
- ▶ Compact, water-resistant design with backlight for buttons
- ▶ Wireless range in a typical residential environment:
 - 30m (100ft) with MG6160 / MG6130
 - 45m (150ft) with MG5000 / MG5050 / RTX3

10410MG

PMD2P - WIRELESS PIR



- ▶ Dual element sensor
- ▶ Immune to animals weighing up to 18kg (40lb)
- ▶ 11m x 11m (35ft x 35ft) and up to 15m (50ft) for center beams with 88.5° viewing angle
- ▶ Wireless range in a typical residential environment:
 - 35m (115ft) with MG6160, MG6130, and MG6250;
 - 70m (230ft) with MG5000, MG5050, and RTX3
- ▶ When a higher level of immunity is required, such as when animals are constantly in the detection area, consider using PMD75
- ▶ Patented Auto Pulse Signal Processing
- ▶ Automatic Temperature Compensation
- ▶ Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- ▶ 3-minute energy save mode after two detections within a five-minute period
- ▶ Dual tamper mechanism (wall/cover)
- ▶ Slide switch to select high or low sensitivity
- ▶ EN 300-200 certified
- ▶ EN 50131 certified

SP Wireless Devices

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10411MG



PMD75 - WIRELESS PET PIR

- ▶ Patented digital motion detection
- ▶ Dual optics (2 dual opposed element sensors)
- ▶ Immune to animals weighing up to 40kg (90lb)
- ▶ Digital dual opposed detection
- ▶ Digital shield algorithm with adjustable sensitivity
- ▶ Single or dual edge processing
- ▶ 11m x 11m (35ft x 35ft) with 90° viewing angle
- ▶ MG or Omnia
- ▶ Patented auto pulse signal processing
- ▶ Automatic temperature compensation
- ▶ Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- ▶ 3-Minute energy save mode after two detections within a five-minute period

10417MG



PMD85 - WIRELESS OUTDOOR PIR

- ▶ Impact and temperature resistant casing
- ▶ Operates at -35°C to +50°C (-31°F to +122°F)
- ▶ Casing lined with an injected rubber gasket
- ▶ UV protected lens
- ▶ Dual Optical Filtering System
- ▶ Multi-level sensitivity adjustment
- ▶ Patented Digital Motion Detection
- ▶ Dual optics (2 dual opposed element sensors)
- ▶ Digital Dual Opposed Detection
- ▶ Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- ▶ 3-minute energy save mode after two detections within a five-minute period
- ▶ Can be used with the Heavy Duty Outdoor Swivel Bracket (SB85)

10418MG



PMD85 - VERTICAL CURTAIN OUTDOOR PIR

- ▶ Impact and temperature resistant casing
- ▶ Operates at -35°C to +50°C (-31°F to +122°F)
- ▶ Casing lined with an injected rubber gasket
- ▶ UV protected lens
- ▶ Dual Optical Filtering System
- ▶ Multi-level sensitivity adjustment
- ▶ Patented Digital Motion Detection
- ▶ Dual optics (2 dual opposed element sensors)
- ▶ Digital Dual Opposed Detection
- ▶ Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- ▶ 3-minute energy save mode after two detections within a five-minute period
- ▶ Can be used with the Heavy Duty Outdoor Swivel Bracket (SB85)

10419MG



GS250 - GPOWER WIRELESS MULTI-AXIS DETECTOR (ACCELEROMETER)

- ▶ Three-axis (X, Y, and Z axis) accelerometer detection
- ▶ Adjustable sensitivity for any installation (grace period of up to 4 seconds can be added):
 - Short movement (High-security) = 1 to 3-seconds
 - Long movement (Standard-security) = 3 to 5-seconds
- ▶ Long battery life (2 years with two detections per week)
- ▶ Low battery and RF supervision
- ▶ Dual-tamper detection for removal or opening of the device
- ▶ Power saving mode (conserves battery life)

10422



NV780MR - WIRELESS OUTDOOR PIR

Advanced Digital Technology:

- ▶ Two double passive infrared motion detector with eight narrow detection beams, managed by Full Authority Digital Electronics Control (FADEC)
- ▶ High-resolution and full dynamic range digital signal conversion
- ▶ High-speed, advanced algorithm digital signal processing
- ▶ Digital EMI / RFI interference rejection
- ▶ True Pet Immunity, up to 40kg (90lb)

Advanced Optical Technology:

- ▶ 4x dual element sensors arrangement
- ▶ High efficiency long focal point (1.77") lens, providing long-range narrow beams
- ▶ 2 pairs of narrow beams per side provide 2x signals per protected area crossing for increased "catch" and false alarm rejection

- ▶ Combination optics of mirror reflector and 2nd generation Fresnel "LoDiff" Lens
- ▶ Increased white light rejection

Advanced Wireless Operation:

- ▶ Ultra low power management operation with Paradox Effi+ circuit
- ▶ Dual tamper detection (removal of cover or unit)
- ▶ Easy Installation and Setup:
- ▶ Single or Dual Zone operation modes: two sides can report to a single zone or to two separate zones
- ▶ Optical and digital range adjustments
- ▶ Bright LED and buzzer indicator for clear adjustment feedback
- ▶ No need for PCB removal
- ▶ Wall mount, with built-in level tool
- ▶ In-field firmware upgradable via serial port

SP Wireless Devices

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10420MG



SD360 - WIRELESS SMOKE DETECTOR

- ▶ One high-sensitivity photoelectric smoke sensor
- ▶ Compact, low-profile design
- ▶ Built-in siren
- ▶ Protection against the ingress of foreign bodies/insect guard
- ▶ CE and EN 14604 certified

10421



WH588P - WIRELESS HEAT DETECTOR

- ▶ Fixed temperature heat sensor
- ▶ DC battery operated wireless alarm
- ▶ Compact, low-profile design
- ▶ Built-in siren
- ▶ Available in 433MHz or 868MHz
- ▶ Protection against the ingress of foreign bodies/insect guard
- ▶ Anti-tamper sensor
- ▶ Test button
- ▶ LED operation indicator
- ▶ Low battery indicator
- ▶ Easy installation
- ▶ CE certified

10423



WC588P - WIRELESS CARBON MONOXIDE DETECTOR

- ▶ Highly sensitive electrochemical carbon monoxide sensor
- ▶ DC battery operated wireless alarm
- ▶ Compact, low-profile design
- ▶ Built-in siren
- ▶ Available in 433MHz or 868MHz
- ▶ Protection against the ingress of foreign bodies/insect guard
- ▶ Anti-tamper sensor
- ▶ Test/Hush button
- ▶ LED operation indicator
- ▶ Low battery indicator
- ▶ Easy installation
- ▶ CE and EN 50291 certified

10424



G550 - WIRELESS GLASSBREAK DETECTOR

- ▶ Modern & sleek design
- ▶ Supervised wireless detector offered in 433 MHz and 868 MHz
- ▶ Six meter (20 ft.) radius range and 360° coverage pattern protects an entire room with one sensor
- ▶ Detect breaking of different types of glass including plate, tempered, laminated and wired
- ▶ Standard Alkaline 3x AAA type battery with low battery supervision
- ▶ Factory-set sensitivity for safer installation
- ▶ Recognizes actual pattern of breaking glass across the full audio band
- ▶ Impact and shock wave analysis
- ▶ High-immunity to RFI and EMI signals
- ▶ Hand-held tester available separately

10414MG



DCT10 - UNIVERSAL TRANSMITTER

- ▶ 2-Zone capabilities where each zone is independent and has its own serial number
- ▶ Zone 1 - one of two high-sensitivity reed switches (magnet included)
- ▶ Zone 2 - universal transmitter input (N.O./N.C.)
- ▶ Wireless range in a typical residential environment:
 - 35m (115ft) with MG6250;
 - 70m (230ft) with MG5050 and RTX3
- ▶ Low battery and signal transmission LED
- ▶ Available in 433MHz or 868MHz
- ▶ Anti-tamper switch
- ▶ Dimensions: 12.4cm x 4.5cm x 3.3cm (4.9in x 1.8in x 1.3in)

10415MG



DCT2 - MINI TRANSMITTER

- ▶ One high-sensitivity reed switch (magnet included)
- ▶ Wireless range in a typical residential environment:
 - 20m (65ft) with MG6160 and MG6130;
 - 40m (130ft) with MG5000, MG5050 and RTX3
- ▶ Available in 433MHz or 868MHz
- ▶ Anti-tamper switch
- ▶ Dimensions: 4.4cm x 3.0cm x 1.7cm (1.7in x 1.2in x 0.7in)

SP Wireless Devices

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10425

2WPGM - 2 WAY PGM TRANSCEIVER



- ▶ 2-Way communication allows the 2WPGMs to receive commands from Magellan Transceivers and then confirm the command
- ▶ Backup alarm reporting option (activates PGM output if communication between the Magellan All-In-One-Consoles and the 2WPGM is lost)
- ▶ 1 Fully programmable 5A relay output
- ▶ Deactivate PGMs after event or timer
- ▶ Requires an AC or DC input voltage (6v AC to 16.5v AC or 5v DC to 30v DC)
- ▶ Can be powered by the PA12
- ▶ Universal transmitter input (N.O./N.C.)
- ▶ Wireless range in a typical residential environment:
 - 35m (115ft) with MG6250;
 - 70m (230ft) with MG5050
- ▶ Anti-tamper switch
- ▶ Dimensions: 12.5cm x 4.6cm x 2.5cm (4.9in x 1.8in x 1.0in)

75212

LIVEWIRE - T433PLV - VEHICLE TRANSMITTER



- ▶ Vehicle Transmitter

10440

SR130 - WIRELESS SIREN FOR MG5050 WITH BLUE LIGHT



- ▶ Compatible with MG/SP Series V4.0 or higher (except SP4000) when using an RTX3 V1.5 or higher as well as with MG6250 v3.0 and higher
- ▶ Battery operated (3 "C" alkaline batteries) Weather-resistant design with UV protection
- ▶ 2-way, fully supervised communication with the control panel
- ▶ 100dB Piezo siren
- ▶ Separate alarm notifications for intrusion and fire
- ▶ Dual-tamper detection (cover and wall)
- ▶ Squawk functionality
- ▶ Wireless range in a typical residential environment: Up to 70m (230 ft)
- ▶ Strobe lens available in 3 colors (red, blue, and amber)
- ▶ Fully powered using three 1.5 Vdc type "C" alkaline batteries (included)
- ▶ Signal strength/RF transmission and status LED
- ▶ Operating temperature: -25°C to 55°C (-13°F to 131°F)
- ▶ RF frequency: 433MHz or 868MHz
- ▶ Dimensions: 13.4cm x 21.17cm x 5.1cm

SP Communicator Modules

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35270

PCS250 - GPRS/GSM COMMUNICATOR MODULE



- ▶ Compact, sleek design
- ▶ Report events to the IPR512 GPRS/IP Monitoring Receiver and/or IPRS-7 IP/GPRS PC Receiver Software
- ▶ Report via text message (up to 16 cell phone numbers)
- ▶ Control panel communication supervision
- ▶ End-user can arm or disarm the system by sending a text message (SMS) to the PCS250
- ▶ Send pre-recorded voice messages to up to 8 telephone numbers to report alarms using the optional VDMP3
- ▶ Paradox Plug-in Voice Module (GSM mode)
- ▶ Simple installation with 4-wire serial connection
- ▶ Optional rod antenna can be installed up to 18m (60ft) from the module using optional antenna cable extensions depending on the local signal strength
- ▶ 128-bit (MDS) and 256-bit (AES) encryption (GPRS mode)
- ▶ Increase the distance between the panel and the PCS250 module with an RS485 link (GSM mode only via e-bus) A CVT485 module must be added to the panel in order to accomplish this
- ▶ Report via GSM (CID, SIA)

35270	PCS250 - GPRS/GSM Communicator Module
15398CABLE	Cable to connect PCS250 to IP150

35271

PCS250G - GPRS COMMUNICATOR MODULE



- ▶ Compact, sleek design
- ▶ Instant notification of panel supervision loss
- ▶ Easily arm/disarm the system via SMS
- ▶ Report alarms by text messages to up to 16 cellular phone numbers
- ▶ Simple installation with 4-wire serial connection
- ▶ Supports 2 GSM provider SIM cards for provider redundancy
- ▶ Tamper switch support
- ▶ Optional rod antenna can be installed up to 18m (60ft) from the module using optional antenna cable extensions depending on the local signal strength
- ▶ In GPRS mode, messages are secured with 128-bit (MD5) and 256-bit (AES) encryption
- ▶ Certification: EN 50136 ATS 5 Class II, Certification Body Intertek

35280

PCS260 - 4G / 3G / 2G / GSM COMMUNICATOR



The PCS260 delivers 4G/3G/2G communication or GSM reporting data exchange solutions for Paradox systems. It provides reliable reporting and two-way communication between Paradox control panels and their respective monitoring stations, as well as personal messaging. It is also future ready supporting access from the Paradox smartphone application.

- ▶ 4G (3.75G) reporting speed of system data to IPR512 Monitoring Receiver or IPRS-7 IP/GPRS
- ▶ 3G / 2G auto connect if 4G not available
- ▶ Two SIM cards support for provider redundancy
- ▶ Control panel communication supervision
- ▶ 4-wire installation
- ▶ Future ready (third quarter 2016) for smartphone application access
- ▶ Arm or disarm the system via text message (SMS) to the PCS260/265
- ▶ Dual tamper switch (wall and cover removal)
- ▶ Encrypted communication (128-bit)

SP Communicator Modules

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10476

EXTERNAL AERIAL KIT FOR GPRS14 & PCS250



- Improves reception by extending the antenna

35275

ANTENNA EXTENSION FOR PCS250



- Antenna not included

35275-15	Antenna Extension for PCS250 - 15m
35275-2	Antenna Extension for PCS250 - 2m
35275-4	Antenna Extension for PCS250 - 4m

15333

VDMP3 - PLUG IN VOICE MODULE FOR SP/MG, DIGIPLEX AND EVO



- Compatible with SP series (V2.10 or higher), MG Series (V2.10 or higher), EVO control panels and PCS200 GSM module
- Record a "Site ID" to identify the installation site (Requires EVO V2.10 to program)
- Dial up to 8 telephone numbers to report a burglar, panic or fire alarm using prerecorded messages
- Arm/disarm the system remotely via telephone
- Control PGMs and toggle utility keys remotely via telephone
- Voice-guided menu
- In-field upgradeable
- Connects directly onto the control panel

15398

IP150 - INTERNET MODULE



- SSL support for sending secured emails via a secure sockets layer; a protocol for encrypting information over the Internet
- HTTPS support for improving security (HyperText Transfer Protocol Secure; a widely used communications protocol for secure communication over a computer network)
- Two I/Os on board; controlled via the web interface, triggering an email
- Event log on web interface; displays last 64 events
- Easy installation; built-in clip for mounting in a metal box
- Report control panel events via IP to the Paradox IPR512 GPRS/IP Monitoring Receiver
- Control and monitor a control panel through an IP network (LAN/WAN/Internet)
- Compatible with Spectra SP series (V2.10 or higher), MG5000/MG5050 (V2.10 or higher) and EVO control panels
- Use NEware, WinLoad or Babyware to access your system through the Internet
- Receive notification of system alarms via email
- Arm/disarm individual partitions via web browser
- View live status of all zones and partitions (e.g., open/close, arm/disarm, troubles and alarms) via web browser
- Paradox/MyHome available for dynamic IP address
- Very low bandwidth consumption
- Supported language: English

15398	IP150 - internet module
15398CABLE	Cable to connect PCS250 to IP150

SP Software & Accessories

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FREEBABY



BABYWARE (V2.4) - PC SOFTWARE

- ▶ Compatible with EVO192, SP4000, SP65, SP5500, SP6000, SP7000, MG6250, MG5000 and MG5050
- ▶ Upload/download via GPRS (38K/bps) or IP (128K/bps)
- ▶ Same software for users and installers (user rights)
- ▶ Multi-account and multi-user capacity
- ▶ Controls firmware upgrade of control panel and system modules
- ▶ User friendly layout and operation
- ▶ Easy monitoring and site management tools
- ▶ Test Mode: Tests for zone connectivity and operation
- ▶ Powerful and fast sort, search and print capability
- ▶ Data backup and powerful undo and recycle bin features

15620



PM5 - MEMORY KEY FOR SP, EVO AND NE

- ▶ Used to download or upload system programming to or from a PC with BabyWare
- ▶ Lock switch to prevent accidental loss of data
- ▶ LED status indication
- ▶ Download or upload control panel/console programming within seconds
- ▶ Connect directly to memory connector on the control panel/console
- ▶ No need for a telephone line, PC or any other peripheral device

15577RFPP



PA6 POWER PLUG

- ▶ For the K32RF
- ▶ Provides 6Vdc at 350mA max
- ▶ 6-foot wire

15162 / 62A / 64



307 - DIRECT CONNECT INTERFACE

- ▶ Incorporates a USB port and a serial port (DB-9)
- ▶ Enables control panel to communicate with a PC at 60m (200ft)
- ▶ Connect from the control panel's serial port connector to a PC's serial (DB-9) or USB port
- ▶ Includes 3 LED status indicators (PC, Panel and RX/TX)
- ▶ Communication speed:
 - 57.6k baud (Magellan)
 - 38.4k baud (EVO)
 - 9.6k baud (MG series and SP series)

15162	307 Direct Connect Interface with 3m Serial Cable
15162A	307 Direct Connect Interface Only (no cables)
15164	307 Direct Connect Interface with 3m USB Cable

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Paradox Magellan:

- ▶ Paradox Compatibility Chart
- ▶ MG5050 System Architecture
- ▶ MG Wireless Architecture
- ▶ MG Control Panels & Keypads
- ▶ MG Expansion Modules
- ▶ MG Wireless Devices
- ▶ MG Communicator Modules
- ▶ MG Software & Accessories

Paradox Magellan Solution

The Magellan line of two way wireless security systems offer you a combination of security, wireless convenience, easy installation and attractive consumer features for any residential or small commercial installation.

Experience a new way of living with StayD offered in the MG5050. StayD simplifies your life and makes it safer by protecting you 24 hours a day, 7 days a week without ever having to disarm the system – even when entering an armed area. StayD lives with you and protects you at all times, without any unprotected periods, and while automatically re-arming the system so you don't have to remember to do it.

With their in-field firmware upgrade capability, the Magellan line allows installers to upgrade their system without hassle – quickly, easily and on site. And to further facilitate installation, every Magellan panel can be configured using easy-to-follow menu-driven programming.

Magellan's console MG6250 is all-in-one wireless security system that combine unique consumer features such as a family message center and FM radio with high quality sound, with ease of use, high security, and a designer look you may never have associated with security.

Paradox Compatibility Chart

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PARADOX CONTROL SYSTEMS	SP4000	SP5500	SP6000	MG5050	MG6250	EVO192
Specifications						
On-Board Zones/Maximum Zones	4/32	5/32	8/32	5/32	2/64	8/192
On-Board PGMs/Maximum PGMs	1/12	2/16	2/16	4/16	2/8	5/250
User Codes	32	32	32	32	32	999
Partitions	2	2	2	2	2	8
Wireless Receiver on Board	No	No	No	Yes	Yes	No
Access Control Doors	0	0	0	0	0	32
Keypads: LED						
K636 - 10 Zones, 1 Partition (Horizontal)	Yes	Yes	Yes	Yes	No	No
K10H - 10 Zones, 2 Partitions (Horizontal)	Yes	Yes	Yes	Yes	No	No
K10V - 10 Zones, 2 Partitions (Vertical)	Yes	Yes	Yes	Yes	No	No
K32 - 32 Zones, 2 Partitions	Yes	Yes	Yes	Yes	No	No
Keypad: LCD						
K32LCD - 32 Zones, 2 Partitions	Yes	Yes	Yes	Yes	No	No
K641 - 192 Zones, 8 Partitions	No	No	No	No	No	Yes
K641R - 192 Zone, 8 Partitions, Built-in Access Control	No	No	No	No	No	Yes
K32LX - 32 Zones, 2 Partitions, Built-in Transceiver	Yes	Yes	Yes	No	No	No
Keypads: FIXED ICON						
K35 - Fixed Icon, 32 Zones, 2 Partitions	Yes	Yes	Yes	Yes	No	No
K37 - Fixed Icon, 32 Zones, 2 Partitions, Wireless	No	Yes*	Yes*	Yes	No	No
Touch Screen						
TM50	Yes**	Yes	Yes	Yes	No	Yes
Expansion Modules						
ZX1	No	No	No	No	No	Yes
ZX4	No	No	No	No	No	Yes
ZX8	Yes	Yes	Yes	Yes	No	Yes
ZX8SP	Yes	Yes	Yes	Yes	No	No
PGM-4	Yes	Yes	Yes	Yes	No	Yes
HUB2	Yes	Yes	Yes	Yes	No	Yes
Wireless Receivers						
RX1 - (Does not support 2 Way Wireless Devices)	1	1	1	No	No	No
RTX3 - Transceiver	1	1	1	No	No	Up to 254
K32LX - Keypad Transceiver	1	1	1	No	No	No
RPT1 - Repeater	No	2*	2*	2	4	No

* Compatible when using a Wireless Receiver/RTX3

** Compatible when using version 4.9 and above only

MG5050 System Architecture

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4-Wire Expansion BUS



15535: MG5050
5 - 32 Zone Wireless Transceiver
Control Panel



35270: PCS 250



15398: IP150 Internet Module



15333: VDMP3 Plug-in Voice Module



15358P: HUB2 2 Port Hub & Bus Isolator



15578B/W: TM50 Touch

MG Hardwired Keypads

15580: K32LCD 32 Zone LCD Keypad
15577: K35 32 Zone Fixed LCD Keypad
15575: K32 32 Zone LED Keypad
15570: K10H 10 Zone Horizontal LED Keypad
15570v: K10V 10 Zone Vertical LED Keypad
15572: K636 10 Zone LED Keypad (1 Partition)
15578B/W: TM50 Touch - Intuitive Touchscreen

MG Hardwired Expansion Modules



15463: ZX8SP 8 Zone Expansion Module

15463: ZX8SP 8 Zone Expansion Module
15362: PGM4 4 PGMs Expansion Module
15350: ZX8 8 Zone Expansion Module

SP Accessories

15620: PMC5 Memory Key
15162: 307USB Direct Connect Interface
BabyWare PC Software

MG Wireless Architecture

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Wireless Repeater Module



10430: RPT1 Wireless Repeater Module



10419MG: GS250 GPower
Wireless Multi-Axis Detector



10422: NVR780
Wireless Outdoor Detector



15577RF: K37 32-Zone Wireless Fixed Icon Keypad



10408:
REM15
4-Button
Remote



10412MG:
REM1
4-Button
Remote



10413MG:
REM2
2-Way Button
Remote



10409:
REM3
2-Way
Remote



10407MG:
REM101
Single Button
Transmitter



10425: 2WPGM
2-Way Wireless PGM



10424: GlassBreak



10420MG:
WS588P
Smoke Detector



10421MG:
WH588P
Heat Detector



10423MG: WC588P
Carbon Monoxide
Detector



10410MG:
PMD2P
Wireless PIR



10411MG:
PMD75
Pet Immunity PIR



10417MG:
PMD85
Outdoor PIR



10415MG: DCT2
Ultra Small
Door Contact



10414MG: DCT10
2-Zone Long-Range
Door Contact



10440:
SR150
2 Way Wireless External Siren



MG5050 Control Panel

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15535

MG5050 - 5 TO 32 ZONE WIRELESS HYBRID SYSTEM



15535P	MG5050 - PCB only
15535Z	MG5050 - Small Cabinet
15535ZX	MG5050 - Small Cabinet - Plug Pack
15535	MG5050 - Small Cabinet - K10H Keypad
15535X	MG5050 - Small Cabinet - K10H Keypad - Plug Pack
15535V	MG5050 - Small Cabinet - K10V Keypad
15535VX	MG5050 - Small Cabinet - K10V Keypad - Plug Pack
15535L	MG5050 - Small Cabinet - K32 LED Keypad
15535LX	MG5050 - Small Cabinet - K32 LED Keypad - Plug Pack
15535I	MG5050 - Small Cabinet - K35 Fixed Icon Keypad
15535IX	MG5050 - Small Cabinet - K35 Fixed Icon Keypad - Plug Pack
15535C	MG5050 - Small Cabinet - K32LCD Keypad
15535CX	MG5050 - Small Cabinet - K32LCD Keypad - Plug Pack
15535W	MG5050 - Small Cabinet - K37 Wireless Fixed Icon Keypad
15535WX	MG5050 - Small Cabinet - K37 Wireless Fixed Icon Keypad - Plug Pack
15535TB	MG5050 - Small Cabinet - TM50 Touch-Black
15535TW	MG5050 - Small Cabinet - TM50 Touch-White

MG6250 Control Panel

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65130

MG5050 KITS



65130	MG5050 RF Kit - Small Cabinet - K10H Keypad - 2x Pro+ PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65130X	MG5050 RF Kit - Small Cabinet - Plug Pack - K10H Keypad - 2x Pro+ PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65131	MG5050 RF DG Kit - Small Cabinet - K10H Keypad - 2x DG75 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65131X	MG5050 RF DG Kit - Small Cabinet - Plug Pack - K10H Keypad - 2x DG75 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65132	MG5050 RF DG Kit - Small Cabinet - K10H Keypad - 2x DG55 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65132X	MG5050 RF DG Kit - Small Cabinet - Plug Pack - K10H Keypad - 2x DG55 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65140	MG5050 PMD2P Kit - Small Cabinet - K10H Keypad - 2x PMD2P PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65140X	MG5050 PMD2P Kit - Small Cabinet - Plug Pack - K10H Keypad - 2x PMD2P PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65141	MG5050 PMD75 Kit - Small Cabinet - K10H Keypad - 2x PMD75 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65141X	MG5050 PMD75 Kit - Small Cabinet - Plug Pack - K10H Keypad - 2x PMD75 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65130V	MG5050 RF Kit - Small Cabinet - K10V Keypad - 2x Pro+ PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65130VX	MG5050 RF Kit - Small Cabinet - Plug Pack - K10V Keypad - 2x Pro+ PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65131V	MG5050 RF DG Kit - Small Cabinet - K10V Keypad - 2x DG75 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65131VX	MG5050 RF DG Kit - Small Cabinet - Plug Pack - K10V Keypad - 2x DG75 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65132V	MG5050 RF DG Kit - Small Cabinet - K10V Keypad - 2x DG55 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65132VX	MG5050 RF DG Kit - Small Cabinet - Plug Pack - K10V Keypad - 2x DG55 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65140V	MG5050 PMD2P Kit - Small Cabinet - K10V Keypad - 2x PMD2P PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65140VX	MG5050 PMD2P Kit - Small Cabinet - Plug Pack - K10V Keypad - 2x PMD2P PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65141V	MG5050 PMD75 Kit - Small Cabinet - K10V Keypad - 2x PMD75 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65141VX	MG5050 PMD75 Kit - Small Cabinet - Plug Pack - K10V Keypad - 2x PMD75 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65130I	MG5050 RF Kit - Small Cabinet - K35 Keypad - 2x Pro+ PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65269	MG5050 NV TM50 Kit - Small Cabinet - TM50 White - 2x NV500 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
65269B	MG5050 NV TM50 Kit - Small Cabinet - TM50 Black - 2x NV500 PIRs - PS219 F/Ring Piezo - 3.0 A/H Battery
10451	Magellan Spare Battery Pack

MG Keypads

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10470 / 72 / 75

MG6250 - 64 ZONE WIRELESS PANEL

10470	MG6250 - 64 Zone Wireless Panel - Plug Pack
10472	MG6250 Super Kit - Plug Pack - 2x PMD75 PIRs - REM15 Remote - DCT2 Small Door Contact
10475	GPRS14 Add-on Module for MG6250



15575

K32 - 32 ZONE HARDWIRED LED KEYPAD

- ▶ Compatible with MG5050 and SP series
- ▶ Supports StayD Mode
- ▶ 32-Zone LED display
- ▶ Separate arm, sleep, stay and Off LED's per partition
- ▶ In-field firmware upgrade via 307USB
- ▶ 1 keypad zone input
- ▶ Independently set chime zones
- ▶ 7 One-touch action buttons
- ▶ 3 Keypad-activated panic alarms
- ▶ Adjustable backlight
- ▶ Connects to 4-wire communication bus



15577

K35 - 32 ZONE HARDWIRED FIXED ICON LCD KEYPAD

- ▶ Compatible with MG5000, MG5050 and Spectra SP series V2.31 and up
- ▶ Fixed message display that guides in the operation of the system
- ▶ Displays the status of 32 zones in 2 partitions
- ▶ StayD status icon
- ▶ Displays arm, sleep, stay and disarmed status for each partition
- ▶ Displays troubles, bypassed zones and alarm memory
- ▶ Adjustable backlight
- ▶ In-field firmware upgrade via 307USB
- ▶ 1 Keypad zone input
- ▶ Independently set chime zones
- ▶ 8 One-touch action buttons
- ▶ 3 Keypad-activated panic alarms
- ▶ Connects to 4-wire expansion bus



15580

K32LCD - ALPHA NUMERIC 32 CHARACTER HARDWIRED LCD KEYPAD

- ▶ Compatible with MG5050 and SP series V2.31 and up
- ▶ Compatible with SP4000, V4.90 and up
- ▶ 32-Character blue LCD with programmable labels
- ▶ Real-time zone alarm display (until disarmed)
- ▶ In-field firmware upgrade via 307USB
- ▶ StayD status LED
- ▶ Menu-driven programming for easy system setup (installer and end user)
- ▶ 1 Keypad zone input
- ▶ Independently set chime zones
- ▶ 8 One-touch action buttons
- ▶ 3 Keypad-activated panic alarms
- ▶ Adjustable backlight, contrast and scroll speed
- ▶ Connects to 4-wire expansion bus



15577RF

K37 - 32 ZONE WIRELESS FIXED ICON LCD KEYPAD

- ▶ Compatible with MG5000/MG5050 V3.22, Spectra SP V3.00 and RTX3 V1.42
- ▶ Powered by 2 'AA' batteries (PA6 is optional)
- ▶ A 6V DC power adaptor (PA6 not included) is not required but can be used as an alternative power source
- ▶ Fixed message display that guides in the operation of the system
- ▶ Displays the status of 32 zones in 2 partitions
- ▶ Displays arm, sleep, stay and disarmed status for each partition
- ▶ Displays StayD, troubles, bypassed zones and alarm memory
- ▶ In-field firmware upgrade via 307USB
- ▶ Adjustable backlight
- ▶ Built-in transceiver
- ▶ Wireless range in a typical residential environment: 40m
- ▶ 8 One-touch action buttons
- ▶ 3 Keypad-activated panic alarms
- ▶ The 6V DC power adaptor is not required but can be used as an alternative power source (PA6 not included)



15577RF	Paradox - K37 - 32 Zone Wireless Icon LCD Keypad
15577RFPP	Paradox - PA6 - Power Pack 6vDC - for K37 Wireless Icon Keypad

MG Keypads

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15578

TM50 - INTERFACE TOUCH SCREEN



- ▶ Thin, sleek design
 - 5.0 in. / 12.7 cm vivid color display (480 x 272 pixels)
 - Intuitive, icon-based menus - no manual needed
- ▶ Control up to 8 PGM outputs
- ▶ In-field firmware upgradable via micro SD card
- ▶ Powerful advanced processor
- ▶ 1 zone/temperature input to connect a detection device or a TEMPO7 (External Temperature Sensor)
- ▶ Customized translation via web application
- ▶ Surface-mount installation only; dimensions 14.4 x 9.6 x 1.4 cm (5.7 x 3.8 x 0.6 in.)
- ▶ Available in classic Piano Black and Pristine White, as well as other exciting designer colors

15578B	TM50 Touch - Interface Touch Screen - Black
15578W	TM50 Touch - Interface Touch Screen - White
15579	TM50 Touch - Spot On Locator & Onscreen Monitoring License
15314	TM50 Touch - External Temperature Sensor
90123	TM50 Touch - Briefcase Display Unit
15579AG	TM50 Touch - Cover - Apple Green
15579SIL	TM50 Touch - Cover - Silver
15579RB	TM50 Touch - Cover - Royal Blue
15579VV	TM50 Touch - Cover - Vivid Violet
15579CR	TM50 Touch - Cover - Crimson Red

15572

K636 - 10 ZONE HARDWIRED LED (SIMPLIFIED) KEYPAD



- ▶ Compatible with E55, MG5000, MG5050 and Spectra SP series
- ▶ Single partition keypad
- ▶ 10-Zone LED display
- ▶ StayD status LED
- ▶ Patented key light display (button lights up to indicate an open zone)
- ▶ Arm, sleep, stay and off keys illuminate to indicate partition status
- ▶ Adjustable backlight

15570

K10H - 10 ZONE HORIZONTAL LED KEYPAD



- ▶ Compatible with MG5000, MG5050 and Spectra SP series
- ▶ Supports StayD Mode
- ▶ 10-Zone LED display
- ▶ Separate arm, sleep, stay and off LED's per partition
- ▶ Patented key light display (button lights up to indicate an open zone)
- ▶ 1 keypad zone input
- ▶ Independently set chime zones
- ▶ 7 One-touch action buttons
- ▶ 3 Keypad-activated panic alarms
- ▶ Adjustable backlight
- ▶ Connects to 4-wire communication bus

15570V

K10V - 10 ZONE VERTICAL LED KEYPAD



- ▶ Compatible with MG5000, MG5050 and Spectra SP series
- ▶ Supports StayD Mode
- ▶ 10-Zone LED display
- ▶ Separate arm, sleep, stay and off LED's per partition
- ▶ Patented key light display (button lights up to indicate an open zone)
- ▶ 1 keypad zone input
- ▶ Independently set chime zones
- ▶ 7 One-touch action buttons
- ▶ 3 Keypad-activated panic alarms
- ▶ Adjustable backlight
- ▶ Connects to 4-wire communication bus

MG Expansion Modules

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15350

ZX8 - BUS 8 ZONE EXPANDER MODULE



- ▶ Compatible with MG Series, SP Series, E Series, and Digiplex EVO
- ▶ Add 8 zones
- ▶ Selectable input resistors for EOL and Tamper
- ▶ 1 PGM output
- ▶ Use zone input as an anti-tamper switch input
- ▶ Support selectable EOL with V6.0

15463

ZX8SP - 8 ZONE EXPANSION MODULE



- ▶ Compatible with MG series, SP series, and E series
- ▶ Add 8 zones
- ▶ 1 PGM output
- ▶ Use zone input as an anti-tamper switch input

15362

PGM4 - 4 OUTPUT RELAY BUS MODULE



- ▶ Compatible with E55/E65 (V2.00), MG/SP (V3.00) and EVO
- ▶ 4 Fully programmable 5A relay outputs
- ▶ Deactivate PGM after event and/or timer
- ▶ Pulse PGM output for fire alarms
- ▶ In-field firmware upgradeable

15358P

HUB2 - 2 PORT LAN ISOLATOR



- ▶ Divide the bus into two completely isolated outputs (if one output fails, the other will continue to function)
- ▶ One input port, 2 completely isolated output ports
- ▶ Each output port provides communications up to 900m (3000ft)

MG Wireless Devices

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10430

RPT1 - REPEATER PCB



- ▶ Built-in transceiver (433MHz or 868MHz)
- ▶ Allows to extend the range of wireless communications
- ▶ Supports all MAGELLAN transmitters
- ▶ Select which zone, PGM and/or keypad signals are repeated
- ▶ Signal strength display
- ▶ 1 programmable 5A relay output
- ▶ Universal transmitter input (N.O./N.C.)
- ▶ In-field firmware upgrade via 307USB and WinLoad
- ▶ Wireless range in a typical residential environment:
 - 75m (240ft) with 433MHz;
 - 50m (160ft) with 868MHz
- ▶ Compatible with MG5000, MG5050, MG6160, MG6130, MG6250 and RTX3
- ▶ Note: The RPT1 is not supported by the RTX3 when connected to an EVO panel.
- ▶ AC input (16Vac, 20VA)
- ▶ Fits in 20cm x 25.5cm x 7.6cm (8in x 10in x 3in) and 28cm x 28cm x 7.6cm (11in x 11in x 3in) metal boxes

10407

REM101 - SINGLE BUTTON TRANSMITTER



- ▶ Water resistant
- ▶ Panic function allows user to instantly send panic signal to monitoring station
- ▶ Manually-activated battery test function
- ▶ Visual indicator (LED) for arming actions and battery testing
- ▶ Includes lanyard attachment to facilitate portability; optional wrist strap and belt clip also available
- ▶ Includes easily-replaceable CR2032 battery, with a battery life of 3 years
- ▶ Available in black or white colour
- ▶ Wireless range in a typical residential environment:
 - 30m (100ft) with MG6250 and RX1
 - 45m (150ft) with MG5050, K32LX and K641LX
 - 60m (200ft) with RTX3

10407	REM101 - Single Button Transmitter
10407B	BC101 - Belt Clip for REM101
10407WS	B101 - Wrist Strap for REM101
10407WB	WB101 - Wall Bracket for REM101

10408

REM15 - 4 BUTTON REMOTE



- ▶ Slim, ergonomic design
- ▶ Water resistant
- ▶ Perform up to 5 different actions
- ▶ Wireless range in a typical residential environment:
 - 30m (100ft) with all-in-one consoles and RX1
 - 45m (150ft) with MG5050
 - 60m (200ft) with RTX3/RPT1
- ▶ Available in 433MHz or 868MHz

10409

REM3 - HAND HELD 2 WAY REMOTE KEYPAD



- ▶ Compatible with MG5000, MG5050, and Spectra SP series V3.00 (or higher) and RTX3 V1.31 (or higher)
- ▶ Supports StayD
- ▶ System Status Memory: The REM3 will keep the last system status received from the control panel in memory. Momentarily press the Info button to display the last system status-even when out of range. Used to confirm the last action you did on the system while away from the system.
- ▶ Configure which partitions the REM3 arms/disarms
- ▶ Built-In Transceiver (433MHz or 868MHz)
- ▶ Independent Arm, Sleep, Stay and Off buttons and LED display per partition
- ▶ Control up to 6 PGMs and/or generate panics
- ▶ Keypad Mode: Requires code entry
- ▶ Remote Mode: One-touch arming / Disarming
- ▶ Installer Diagnostic Mode:
 - ▶ Partition 1 LEDs = Signal Strength Display
 - ▶ Partition 2 LEDs = RF Interference Display
- ▶ Provides visual and auditory feedback of system status
- ▶ Press the Status button to receive system status
- ▶ Label to identify remote control owner
- ▶ Compact, water-resistant design
- ▶ Size: 8cm x 3.4cm x 1.5cm (3.1in x 1.3in x 0.6in)

MG Wireless Devices

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10412MG

REM1 - 4 BUTTON REMOTE



- ▶ Water resistant, stylish clear blue plastic with backlight for buttons
- ▶ Perform up to 5 different actions
- ▶ Wireless range in a typical residential environment:
 - 30m (100ft) with MG6160 / MG6130
 - 45m (150ft) with MG5000 / MG5050
 - 60m (200ft) with RTX3
- ▶ Available in 433MHz or 868MHz

10413MG

REM2 - 2 WAY 5 BUTTON REMOTE



- ▶ Supports StayD (Version 2.0 or higher)
- ▶ System Status Memory: The REM2 will keep the last system status received from the control panel in memory. Momentarily press the Info button to display the last system status—even when out of range. Used to confirm the last action you did on the system while away from the system.
- ▶ Built-in transceiver (433MHz or 868MHz)
- ▶ Displays system status using visual (LED) and auditory feedback
- ▶ Press the Status button at any time to receive the system status
- ▶ Perform up to 6 different actions per remote control
- ▶ Compact, water-resistant design with backlight for buttons
- ▶ Wireless range in a typical residential environment:
 - 30m (100ft) with MG6160 / MG6130
 - 45m (150ft) with MG5000 / MG5050 / RTX3

10410MG

PMD2P - WIRELESS PIR



- ▶ Dual element sensor
- ▶ Immune to animals weighing up to 18kg (40lb)
- ▶ 11m x 11m (35ft x 35ft) and up to 15m (50ft) for center beams with 88.5° viewing angle
- ▶ Wireless range in a typical residential environment:
 - 35m (115ft) with MG6160, MG6130, and MG6250;
 - 70m (230ft) with MG5000, MG5050, and RTX3
- ▶ When a higher level of immunity is required, such as when animals are constantly in the detection area, consider using PMD75
- ▶ Patented Auto Pulse Signal Processing
- ▶ Automatic Temperature Compensation
- ▶ Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- ▶ 3-minute energy save mode after two detections within a five-minute period
- ▶ Dual tamper mechanism (wall/cover)
- ▶ Slide switch to select high or low sensitivity
- ▶ EN 300-200 certified
- ▶ EN 50131 certified

10411MG

PMD75 - WIRELESS PET PIR



- ▶ Patented digital motion detection
- ▶ Dual optics (2 dual opposed element sensors)
- ▶ Immune to animals weighing up to 40kg (90lb)
- ▶ Digital dual opposed detection
- ▶ Digital shield algorithm with adjustable sensitivity
- ▶ Single or dual edge processing
- ▶ 11m x 11m (35ft x 35ft) with 90° viewing angle
- ▶ MG or Omnia
- ▶ Patented auto pulse signal processing
- ▶ Automatic temperature compensation
- ▶ Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- ▶ 3-Minute energy save mode after two detections within a five-minute period

10417MG

PMD85 - WIRELESS OUTDOOR PIR



- ▶ Impact and temperature resistant casing
- ▶ Operates at -35°C to +50°C (-31°F to +122°F)
- ▶ Casing lined with an injected rubber gasket
- ▶ UV protected lens
- ▶ Dual Optical Filtering System
- ▶ Multi-level sensitivity adjustment
- ▶ Patented Digital Motion Detection
- ▶ Dual optics (2 dual opposed element sensors)
- ▶ Digital Dual Opposed Detection
- ▶ Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- ▶ 3-minute energy save mode after two detections within a five-minute period
- ▶ Can be used with the Heavy Duty Outdoor Swivel Bracket (SB85)

MG Wireless Devices

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10418MG



PMD85 - VERTICAL CURTAIN OUTDOOR PIR

- ▶ Impact and temperature resistant casing
- ▶ Operates at -35°C to +50°C (-31°F to +122°F)
- ▶ Casing lined with an injected rubber gasket
- ▶ UV protected lens
- ▶ Dual Optical Filtering System
- ▶ Multi-level sensitivity adjustment
- ▶ Patented Digital Motion Detection
- ▶ Dual optics (2 dual opposed element sensors)
- ▶ Digital Dual Opposed Detection
- ▶ Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- ▶ 3-minute energy save mode after two detections within a five-minute period
- ▶ Can be used with the Heavy Duty Outdoor Swivel Bracket (SB85)

10422



NVR780 - WIRELESS OUTDOOR PIR

Advanced Digital Technology:

- ▶ Two double passive infrared motion detector with eight narrow detection beams, managed by Full Authority Digital Electronics Control (FADEC)
- ▶ High-resolution and full dynamic range digital signal conversion
- ▶ High-speed, advanced algorithm digital signal processing
- ▶ Digital EMI / RFI interference rejection
- ▶ True Pet Immunity, up to 40kg (90lb)

Advanced Optical Technology:

- ▶ 4x dual element sensors arrangement
- ▶ High efficiency long focal point (1.77") lens, providing long-range narrow beams
- ▶ 2 pairs of narrow beams per side provide 2x signals per protected area crossing for increased "catch" and false alarm rejection

- ▶ Combination optics of mirror reflector and 2nd generation Fresnel "LoDiff" Lens
- ▶ Increased white light rejection

Advanced Wireless Operation:

- ▶ Ultra low power management operation with Paradox Effi+ circuit
- ▶ Dual tamper detection (removal of cover or unit)
- ▶ Easy Installation and Setup:
- ▶ Single or Dual Zone operation modes: two sides can report to a single zone or to two separate zones
- ▶ Optical and digital range adjustments
- ▶ Bright LED and buzzer indicator for clear adjustment feedback
- ▶ No need for PCB removal
- ▶ Wall mount, with built-in level tool
- ▶ In-field firmware upgradable via serial port

10419MG



GS250 - GPOWER WIRELESS MULTI-AXIS DETECTOR (ACCELEROMETER)

- ▶ Three-axis (X, Y, and Z axis) accelerometer detection
- ▶ Adjustable sensitivity for any installation (grace period of up to 4 seconds can be added):
 - Short movement (High-security) = 1 to 3-seconds
 - Long movement (Standard-security) = 3 to 5-seconds
- ▶ Long battery life (2 years with two detections per week)
- ▶ Low battery and RF supervision
- ▶ Dual-tamper detection for removal or opening of the device
- ▶ Power saving mode (conserves battery life)

75212



LIVEWIRE - T433PLV - VEHICLE TRANSMITTER

- ▶ Vehicle Transmitter

MG Wireless Devices

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10420MG

WS588P - WIRELESS SMOKE DETECTOR



- ▶ One high-sensitivity photoelectric smoke sensor
- ▶ Compact, low-profile design
- ▶ Built-in siren
- ▶ Protection against the ingress of foreign bodies/insect guard
- ▶ CE and EN 14604 certified

10421

WH588P - WIRELESS HEAT DETECTOR



- ▶ Fixed temperature heat sensor
- ▶ DC battery operated wireless alarm
- ▶ Compact, low-profile design
- ▶ Built-in siren
- ▶ Available in 433MHz or 868MHz
- ▶ Protection against the ingress of foreign bodies/insect guard
- ▶ Anti-tamper sensor
- ▶ Test button
- ▶ LED operation indicator
- ▶ Low battery indicator
- ▶ Easy installation
- ▶ CE certified

10423

WC588P - WIRELESS CARBON MONOXIDE DETECTOR



- ▶ Highly sensitive electrochemical carbon monoxide sensor
- ▶ DC battery operated wireless alarm
- ▶ Compact, low-profile design
- ▶ Built-in siren
- ▶ Available in 433MHz or 868MHz
- ▶ Protection against the ingress of foreign bodies/insect guard
- ▶ Anti-tamper sensor
- ▶ Test/Hush button
- ▶ LED operation indicator
- ▶ Low battery indicator
- ▶ Easy installation
- ▶ CE and EN 50291 certified

10424

G550 - WIRELESS GLASSBREAK DETECTOR



- ▶ Modern & sleek design
- ▶ Supervised wireless detector offered in 433 MHz and 868 MHz
- ▶ Six meter (20 ft.) radius range and 360° coverage pattern protects an entire room with one sensor
- ▶ Detect breaking of different types of glass including plate, tempered, laminated and wired
- ▶ Standard Alkaline 3x AAA type battery with low battery supervision
- ▶ Factory-set sensitivity for safer installation
- ▶ Recognizes actual pattern of breaking glass across the full audio band
- ▶ Impact and shock wave analysis
- ▶ High-immunity to RFI and EMI signals
- ▶ Hand-held tester available separately

10414MG

DCT10 - UNIVERSAL TRANSMITTER



- ▶ 2-Zone capabilities where each zone is independent and has its own serial number
- ▶ Zone 1 - one of two high-sensitivity reed switches (magnet included)
- ▶ Zone 2 - universal transmitter input (N.O./N.C.)
- ▶ Wireless range in a typical residential environment:
 - 35m (115ft) with MG6250;
 - 70m (230ft) with MG5050 and RTX3
- ▶ Low battery and signal transmission LED
- ▶ Available in 433MHz or 868MHz
- ▶ Anti-tamper switch
- ▶ Dimensions: 12.4cm x 4.5cm x 3.3cm (4.9in x 1.8in x 1.3in)

10415MG

DCT2 - MINI TRANSMITTER



- ▶ One high-sensitivity reed switch (magnet included)
- ▶ Wireless range in a typical residential environment:
 - 20m (65ft) with MG6160 and MG6130;
 - 40m (130ft) with MG5000, MG5050 and RTX3
- ▶ Available in 433MHz or 868MHz
- ▶ Anti-tamper switch
- ▶ Dimensions: 4.4cm x 3.0cm x 1.7cm (1.7in x 1.2in x 0.7in)

MG Wireless Devices

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10425

2WPGM - 2 WAY PGM TRANSCEIVER



- ▶ 2-Way communication allows the 2WPGMs to receive commands from Magellan Transceivers and then confirm the command
- ▶ Backup alarm reporting option (activates PGM output if communication between the Magellan All-In-One-Consoles and the 2WPGM is lost)
- ▶ 1 Fully programmable 5A relay output
- ▶ Deactivate PGMs after event or timer
- ▶ Requires an AC or DC input voltage (6v AC to 16.5v AC or 5v DC to 30v DC)
- ▶ Can be powered by the PA12
- ▶ Universal transmitter input (N.O./N.C.)
- ▶ Wireless range in a typical residential environment:
 - 35m (115ft) with MG6250;
 - 70m (230ft) with MG5050
- ▶ Anti-tamper switch
- ▶ Dimensions: 12.5cm x 4.6cm x 2.5cm (4.9in x 1.8in x 1.0in)

10440

SR130 - WIRELESS SIREN FOR MG5050 WITH BLUE LIGHT



- ▶ Compatible with MG/SP Series V4.0 or higher (except SP4000) when using an RTX3 V1.5 or higher as well as with MG6250 v3.0 and higher
- ▶ Battery operated (3 "C" alkaline batteries) Weather-resistant design with UV protection
- ▶ 2-way, fully supervised communication with the control panel
- ▶ 100dB Piezo siren
- ▶ Separate alarm notifications for intrusion and fire
- ▶ Dual-tamper detection (cover and wall)
- ▶ Squawk functionality
- ▶ Wireless range in a typical residential environment: Up to 70m (230 ft)
- ▶ Strobe lens available in 3 colors (red, blue, and amber)
- ▶ Fully powered using three 1.5 Vdc type "C" alkaline batteries (included)
- ▶ Signal strength/RF transmission and status LED
- ▶ Operating temperature: -25°C to 55°C (-13°F to 131°F)
- ▶ RF frequency: 433MHz or 868MHz
- ▶ Dimensions: 13.4cm x 21.17cm x 5.1cm

MG Communicator Modules

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35270

PCS250 - GPRS/GSM COMMUNICATOR MODULE



- ▶ Compact, sleek design
- ▶ Report events to the IPR512 GPRS/IP Monitoring Receiver and/or IPRS-7 IP/GPRS PC Receiver Software
- ▶ Report via text message (up to 16 cell phone numbers)
- ▶ Control panel communication supervision
- ▶ End-user can arm or disarm the system by sending a text message (SMS) to the PCS250
- ▶ Send pre-recorded voice messages to up to 8 telephone numbers to report alarms using the optional VDMP3
- ▶ Paradox Plug-in Voice Module (GSM mode)
- ▶ Simple installation with 4-wire serial connection
- ▶ Optional rod antenna can be installed up to 18m (60ft) from the module using optional antenna cable extensions depending on the local signal strength
- ▶ 128-bit (MDS) and 256-bit (AES) encryption (GPRS mode)
- ▶ Increase the distance between the panel and the PCS250 module with an RS485 link (GSM mode only via e-bus) A CVT485 module must be added to the panel in order to accomplish this
- ▶ Report via GSM (CID, SIA)

35270	PCS250 - GPRS/GSM Communicator Module
15398CABLE	Cable to connect PCS250 to IP150

35271

PCS250G - GPRS COMMUNICATOR MODULE



- ▶ Compact, sleek design
- ▶ Instant notification of panel supervision loss
- ▶ Easily arm/disarm the system via SMS
- ▶ Report alarms by text messages to up to 16 cellular phone numbers
- ▶ Simple installation with 4-wire serial connection
- ▶ Supports 2 GSM provider SIM cards for provider redundancy
- ▶ Tamper switch support
- ▶ Optional rod antenna can be installed up to 18m (60ft) from the module using optional antenna cable extensions depending on the local signal strength
- ▶ In GPRS mode, messages are secured with 128-bit (MD5) and 256-bit (AES) encryption
- ▶ Certification: EN 50136 ATS 5 Class II, Certification Body Intertek

35280

PCS260 - 4G / 3G / 2G / GSM COMMUNICATOR



The PCS260 delivers 4G/3G/2G communication or GSM reporting data exchange solutions for Paradox systems. It provides reliable reporting and two-way communication between Paradox control panels and their respective monitoring stations, as well as personal messaging. It is also future ready supporting access from the Paradox smartphone application.

- ▶ 4G (3.75G) reporting speed of system data to IPR512 Monitoring Receiver or IPRS-7 IP/GPRS
- ▶ 3G / 2G auto connect if 4G not available
- ▶ Two SIM cards support for provider redundancy
- ▶ Control panel communication supervision
- ▶ 4-wire installation
- ▶ Future ready (third quarter 2016) for smartphone application access
- ▶ Arm or disarm the system via text message (SMS) to the PCS260/265
- ▶ Dual tamper switch (wall and cover removal)
- ▶ Encrypted communication (128-bit)

35272

UC300 - UNIVERSAL CONVERTER - CID TO IP REPORTING MODULE



- ▶ Enables reporting of events/alarms from any security control panel to Paradox IPR512 or IPRS7 receivers via IP and cellular network (while connected to IP150 and/or PCS250/PCS250G)
- ▶ Sends email notifications of system events/alarms (with IP150 connected)
- ▶ Sends SMS notifications of system events/alarms (with PCS250/PCS250G connected)
- ▶ Provides LED indications for dialer connectivity and power
- ▶ Easy installation - built-in clip for mounting on panel enclosure; no screws required

35272	UC300 - Universal Converter - CID to IP Reporting Module
35272E	UC300 Ethernet Kit - Includes UC300 & IP150 Internet Module
35272G	UC300 GPRS Kit - Includes UC300 & PCS250G GPRS Communicator

MG Communicator Modules

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10476

EXTERNAL AERIAL KIT FOR GPRS14 & PCS250



- Improves reception by extending the antenna

35275

ANTENNA EXTENSION FOR PCS250



- Antenna not included

35275-15	Antenna Extension for PCS250 - 15m
35275-2	Antenna Extension for PCS250 - 2m
35275-4	Antenna Extension for PCS250 - 4m

15333

VDMP3 - PLUG IN VOICE MODULE FOR SP/MG, DIGIPLEX AND EVO



- Compatible with SP series (V2.10 or higher), MG Series (V2.10 or higher), EVO control panels and PCS200 GSM module
- Record a "Site ID" to identify the installation site (Requires EVO V2.10 to program)
- Dial up to 8 telephone numbers to report a burglar, panic or fire alarm using prerecorded messages
- Arm/disarm the system remotely via telephone
- Control PGMs and toggle utility keys remotely via telephone
- Voice-guided menu
- In-field upgradeable
- Connects directly onto the control panel

15398

IP150 - INTERNET MODULE



- SSL support for sending secured emails via a secure sockets layer; a protocol for encrypting information over the Internet
- HTTPS support for improving security (HyperText Transfer Protocol Secure; a widely used communications protocol for secure communication over a computer network)
- Two I/Os on board; controlled via the web interface, triggering an email
- Event log on web interface; displays last 64 events
- Easy installation; built-in clip for mounting in a metal box
- Report control panel events via IP to the Paradox IPR512 GPRS/IP Monitoring Receiver
- Control and monitor a control panel through an IP network (LAN/WAN/Internet)
- Compatible with Spectra SP series (V2.10 or higher), MG5000/MG5050 (V2.10 or higher) and EVO control panels
- Use NEware, WinLoad or Babyware to access your system through the Internet
- Receive notification of system alarms via email
- Arm/disarm individual partitions via web browser
- View live status of all zones and partitions (e.g., open/close, arm/disarm, troubles and alarms) via web browser
- Paradox/MyHome available for dynamic IP address
- Very low bandwidth consumption
- Supported language: English

15398	IP150 - internet module
15398CABLE	Cable to connect PCS250 to IP150

MG Software & Accessories

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FREEBABY



BABYWARE (V2.4) - PC SOFTWARE

- ▶ Compatible with EVO192, SP4000, SP65, SP5500, SP6000, SP7000, MG6250, MG5000 and MG5050
- ▶ Upload/download via GPRS (38K/bps) or IP (128K/bps)
- ▶ Same software for users and installers (user rights)
- ▶ Multi-account and multi-user capacity
- ▶ Controls firmware upgrade of control panel and system modules
- ▶ User friendly layout and operation
- ▶ Easy monitoring and site management tools
- ▶ Test Mode: Tests for zone connectivity and operation
- ▶ Powerful and fast sort, search and print capability
- ▶ Data backup and powerful undo and recycle bin features

15620



PMC5 - MEMORY KEY FOR SP, EVO AND NE

- ▶ Used to download or upload system programming to or from a PC with BabyWare
- ▶ Lock switch to prevent accidental loss of data
- ▶ LED status indication
- ▶ Download or upload control panel/console programming within seconds
- ▶ Connect directly to memory connector on the control panel/console
- ▶ No need for a telephone line, PC or any other peripheral device

15577RFPP



PA6 POWER PLUG

- ▶ For the K32RF
- ▶ Provides 6Vdc at 350mA max
- ▶ 6-foot wire

15162 / 64



307 - DIRECT CONNECT INTERFACE

- ▶ Incorporates a USB port and a serial port (DB-9)
- ▶ Enables control panel to communicate with a PC at 60m (200ft)
- ▶ Connect from the control panel's serial port connector to a PC's serial (DB-9) or USB port
- ▶ Includes 3 LED status indicators (PC, Panel and RX/TX)
- ▶ Communication speed:
 - 57.6k baud (Magellan)
 - 38.4k baud (EVO)
 - 9.6k baud (MG series and SP series)

15162	307 Direct Connect Interface with 3m Serial Cable
15162A	307 Direct Connect Interface Only (no cables)
15164	307 Direct Connect Interface with 3m USB Cable

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DIGIPLEX EVO

PARDOX EVO:

- ▶ Paradox Compatibility Chart
- ▶ EVO System Architecture
- ▶ EVO Wireless Architecture
- ▶ EVO control Panels and Keypads
- ▶ EVO Expansion Modules
- ▶ EVO BUS Detectors
- ▶ EVO Access Control
- ▶ EVO Speciality Accessories
- ▶ EVO Wireless Devices
- ▶ EVO Communicator Modules
- ▶ EVO Software & Accessories

Paradox EVO Solution

EVO systems provide the highest level of protection for banks, high-security military and government sites, luxurious residential homes and any place where maximum security is essential.

These systems are designed to be easy to use and the modular concept of these systems provides installers with labour-saving features that make expanding, installing and servicing these systems quick and convenient.

Expand your system by adding plug-and-play expansion modules anywhere and in any combination on the 4-wire combus. Modules are connected to the combus at the most convenient location and then their zone inputs are assigned to the desired zone and partition. Also, only a module's used inputs are assigned to zones in the system. Keyswitches, remote controls and unused module inputs do not use up zones. Once installed, all combus modules, including motion detectors, can be programmed remotely via a keypad or the BabyWare PC Software.

EVO integrate access control solutions. Your alarm system user database can be used to manage the access to up to 32 doors, and the monitoring of these doors can be included in any partitions. You can also use NEware to manage users and access permissions. By merging security and access control, the EVO increase the level of protection offered by security systems to a new level.

Paradox Compatibility Chart

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PARADOX CONTROL SYSTEMS	SP4000	SP5500	SP6000	MG5050	MG6250	EVO192
Specifications						
On-Board Zones/Maximum Zones	4/32	5/32	8/32	5/32	2/64	8/192
On-Board PGMs/Maximum PGMs	1/12	2/16	2/16	4/16	2/8	5/250
User Codes	32	32	32	32	32	999
Partitions	2	2	2	2	2	8
Wireless Receiver on Board	No	No	No	Yes	Yes	No
Access Control Doors	0	0	0	0	0	32
Keypads: LED						
K636 - 10 Zones, 1 Partition (Horizontal)	Yes	Yes	Yes	Yes	No	No
K10H - 10 Zones, 2 Partitions (Horizontal)	Yes	Yes	Yes	Yes	No	No
K10V - 10 Zones, 2 Partitions (Vertical)	Yes	Yes	Yes	Yes	No	No
K32 - 32 Zones, 2 Partitions	Yes	Yes	Yes	Yes	No	No
Keypad: LCD						
K32LCD - 32 Zones, 2 Partitions	Yes	Yes	Yes	Yes	No	No
K641 - 192 Zones, 8 Partitions	No	No	No	No	No	Yes
K641R - 192 Zone, 8 Partitions, Built-in Access Control	No	No	No	No	No	Yes
K32LX - 32 Zones, 2 Partitions, Built-in Transceiver	Yes	Yes	Yes	No	No	No
Keypads: FIXED ICON						
K35 - Fixed Icon, 32 Zones, 2 Partitions	Yes	Yes	Yes	Yes	No	No
K37 - Fixed Icon, 32 Zones, 2 Partitions, Wireless	No	Yes*	Yes*	Yes	No	No
Touch Screen						
TM50	Yes**	Yes	Yes	Yes	No	Yes
Expansion Modules						
ZX1	No	No	No	No	No	Yes
ZX4	No	No	No	No	No	Yes
ZX8	Yes	Yes	Yes	Yes	No	Yes
ZX8SP	Yes	Yes	Yes	Yes	No	No
PGM-4	Yes	Yes	Yes	Yes	No	Yes
HUB2	Yes	Yes	Yes	Yes	No	Yes
Wireless Receivers						
RX1 - (Does not support 2 Way Wireless Devices)	1	1	1	No	No	No
RTX3 - Transceiver	1	1	1	No	No	Up to 254
K32LX - Keypad Transceiver	1	1	1	No	No	No
RPT1 - Repeater	No	2*	2*	2	4	No

* Compatible when using a Wireless Receiver/RTX3

** Compatible when using version 4.9 and above only

EVO System Architecture

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4-Wire Expansion BUS



15505: SP4000, 4 to 32 Zones
15515: SP5500, 5 to 32 Zones
15520: SP6000, 8 to 32 Zones



35270: PCS 250



15398: IP150 Internet Module



15333: VDMP3 Plug-in Voice Module



15358P: HUB2 2 Port Hub & Bus Isolator

SP Accessories

15620: PMC5 Memory Key
15162: 307USB Direct Connect Interface
BabyWare PC Software



15578B/W: TM50 Touch

EVO Hardwired Keypads

15310: K641 32 LCD Keypad
15311: K641R 32 LCD Keypad with Access Control
15326: ANC1 Annunciator Module
15578B: TM50 Touch - Intuitive Touchscreen
15578VV: TM50 Touch - Intuitive Touchscreen



15350: ZX8

EVO Hardwired Expansion Modules

15352: ZX1 1-Zone Expansion Module
15335: ZX4 4-Zone Expansion Module
15353M: ZX16D 16-Zone Expansion Module
15351M: ZX32D 32-Zone Expansion Module



00120: DG85 Outdoor Digital Dual-Optic High-Performance PIR

EVO Motion Detectors

00160: DM50 BUS PIR
00164: DM70 Digital Dual-Optic High-Performance PIR
00120: DG85 Outdoor Digital Dual-Optic High-Performance PIR
00121: DG85L2 Outdoor Curtain PIR
00152: DG467 360° Digital Ceiling Mounted PIR
05205: DG457 GlassBreak BUS



15368:
ACM12



30105:
Reader & Keypad

EVO Access Control

15368: ACM12 4-Wire Access Control Module
30100: R910 4-Wire Epoxy-Sealed Reader
30105: R915 4-Wire Sealed Reader & Keypad

For other readers and cards compatible with EVO, see the Access Control Section within this catalogue



15346: SUB1 Listen-in Substation

EVO Speciality Accessories

15345: LSN4 Listen-in Module
15346: SUB1 Listen-in Substation
15362: PGM4 4-PGM Expansion Module
15330: PRT3 Integration Module
50108: PS17 1.7A Power Supply Module

EVO Wireless Architecture

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EVO Wireless Repeater Module



10401MG: RTX3



10419MG: GS250 GPower
Wireless Multi-Axis Detector



10422: NVR780
Wireless Outdoor Detector



10425: 2WPGM
2-Way Wireless PGM



10424: GlassBreak



10420MG: WS588P
Smoke Detector



10421MG: WH588P
Heat Detector



10423MG: WC588P
Carbon Monoxide
Detector



10408:
REM15
4-Button
Remote



10412MG:
REM1
4-Button
Remote



10413MG:
REM2
2-Way Button
Remote



10409:
REM3
2-Way
Remote



10407MG:
REM101
Single Button
Transmitter



10415MG: DCT2
Ultra Small
Door Contact



10414MG: DCT10
2-Zone Long-Range
Door Contact



10410MG:
PMD2P
Wireless PIR



10411MG:
PMD75
Pet Immunity PIR



10417MG:
PMD85
Outdoor PIR



EVO Control Panels and Keypads

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15301



EVO192 - 8 TO 192 ZONE SYSTEM

15385P	EVOHD - PCB only
15301	EVOHD - Small Cabinet
15301S	EVOHD - Standard Cabinet
15301L	EVOHD - Large Cabinet
15385	EVOHD - Small Cabinet - K641 LCD Keypad
15375TM4B	EVOHD - Small Cabinet - TM50 Touch-Black
15375TM4W	EVOHD - Small Cabinet - TM50 Touch-White
15390	EVOHD - Standard Cabinet - K641 LCD Keypad
15391	EVOHD - Large Cabinet - K641 LCD Keypad
15388	EVOHD Access Kit - Small Cabinet - K641 LCD Keypad - PosiProx Reader - ACM12P - 307 Direct Connect + Serial Lead - NEWare Software

15321



HD77 PIR WITH CAMERA ADD ON KIT

15321	Paradox - HD77 PIR with Camera Add On Kit - HD77 with Patch Lead & Cat5e Jack
65020K	Paradox - Insight Kit with Standard Cabinet & K641 Keypad - EVOHD in Standard Cabinet with TM50W Keypad - 1 x HD77 PIR with Camera - IP150 Internet Module - 8 Port Ethernet Switch
65021K	Paradox - Insight Kit with Large Cabinet & K641+ Keypad - EVOHD in Large Cabinet with K641+ Keypad - 1 x HD77 PIR with Camera - IP150 Internet Module - 8 Port Ethernet Switch
65020W	Paradox - Insight Kit with Standard Cabinet & TM50 White Keypad - EVOHD in Standard Cabinet with TM50 White Keypad - 1 x HD77 PIR with Camera - IP150 Internet Module - 8 Port Ethernet Switch
65021W	Paradox - Insight Kit with Large Cabinet & TM50 White Keypad - EVOHD in Large Cabinet with TM50 White Keypad - 1 x HD77 PIR with Camera - IP150 Internet Module - 8 Port Ethernet Switch

15578



TM50 - INTERFACE TOUCH SCREEN

- ▶ Thin, sleek design
 - 5.0 in. / 12.7 cm vivid color display (480 x 272 pixels)
 - Intuitive, icon-based menus - no manual needed
- ▶ Control up to 8 PGM outputs
- ▶ In-field firmware upgradable via micro SD card
- ▶ Powerful advanced processor
- ▶ 1 zone/temperature input to connect a detection device or a TEMPO7 (External Temperature Sensor)
- ▶ Customized translation via web application
- ▶ Surface-mount installation only; dimensions 14.4 x 9.6 x 1.4 cm (5.7 x 3.8 x 0.6 in.)
- ▶ Available in classic Piano Black and Pristine White, as well as other exciting designer colors

15578B	TM50 Touch - Interface Touch Screen - Black
15578W	TM50 Touch - Interface Touch Screen - White
15579	TM50 Touch - Spot On Locator & Onscreen Monitoring License
15314	TM50 Touch - External Temperature Sensor
90123	TM50 Touch - Briefcase Display Unit
15579AG	TM50 Touch - Cover - Apple Green
15579SIL	TM50 Touch - Cover - Silver
15579RB	TM50 Touch - Cover - Royal Blue
15579VW	TM50 Touch - Cover - Vivid Violet
15579CR	TM50 Touch - Cover - Crimson Red

EVO Control Panels and Keypads

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15310

K641 - 32 CHARACTER LCD KEYPAD



- ▶ Zone alarm display: the zones in alarm are shown until the system is disarmed
- ▶ In-field firmware upgradeable via a CONV4USB
- ▶ Simplified end-user remote control programming
- ▶ Supports DGP-848, EVO96, EVO48 and EVO192
- ▶ 32-Character blue LCD with programmable labels (via memory key, NEware or module broadcast feature)
- ▶ Assign to one or more partitions
- ▶ 1 Addressable zone and 1 PGM output
- ▶ Independently set chime zones
- ▶ 14 One-touch action buttons
- ▶ 3 Keypad-activated panic alarms
- ▶ Adjustable backlight, contrast and scroll speed
- ▶ Display time using the 12hr or 24hr format

15311

K641R - 32 CHARACTER LCD KEYPAD WITH ACCESS CONTROL



- ▶ Zone alarm display: the zones in alarm are shown until the system is disarmed
- ▶ In-field firmware upgradeable via a CONV4USB and WinLoad
- ▶ Simplified end-user remote control programming
- ▶ Supports DGP-848, EVO96, EVO48 and EVO192
- ▶ 32-character blue LCD with programmable labels (via Memory Key, Winload, NEware or Module Broadcast feature)
- ▶ Available in Bulgarian, Croatian, Czech, Dutch, English, French, German, Greek, Hebrew, Hungarian, Italian, Polish, Portuguese, Russian, Slovak, Slovenian, Spanish, Swedish, and Turkish
- ▶ Assign to one or more partitions
- ▶ 1 addressable zone and 1 PGM output
- ▶ Independently set chime zones
- ▶ 14 one-touch action buttons
- ▶ 3 keypad-activated panic alarms
- ▶ Adjustable backlight, contrast and scroll speed
- ▶ Display time using the 12Hr or 24Hr format
- ▶ Built-in card reader. Just present access card directly to the keypad module
- ▶ Grant access via card and/or access code
- ▶ Arm and disarm with a card
- ▶ Door contact and request for exit inputs
- ▶ Door lock output
- ▶ Programmable automatic unlocking schedule
- ▶ Door Left Open and Door Forced Open alarms

15385

EVOHD - SMALL CABINET - K641 LCD KEYPAD



- ▶ Faster - dialer over VOIP lines at 1200 baud
- ▶ Efficient battery charging - up to 1.5A
- ▶ Power supply
- ▶ 2.5A switching
- ▶ 2A power available for modules/devices (requires a 75VA transformer)
- ▶ Digital bus
- ▶ Provides continuous power, management and two-way communication between control panel and modules
- ▶ Efficient and effective use of zone deployment
- ▶ Integrated tamper reporting of EVOHD connected devices without additional wiring
- ▶ PGM configuration
- ▶ 4 on-board, solid-state PGMs (2-4)
- ▶ 1 on-board 5A relay PGM
- ▶ PGM1 may be used as a 2-wire smoke input

EVO Expansion Modules

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15352

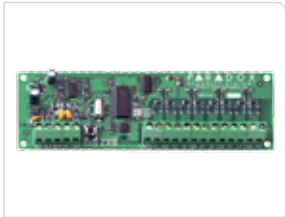
ZX1 - 1 ZONE BUS MODULE FOR DIGIPLEX AND EVO



- ▶ 1 addressable zone (2 with ATZ zone doubling feature)
- ▶ Set a different input speed for each zone (up to 255 minutes), which is ideal for temperature monitoring applications

15350

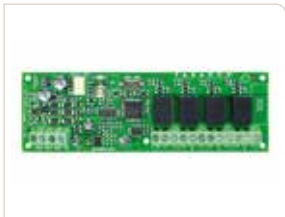
ZX8 - BUS 8 ZONE EXPANDER MODULE



- ▶ Compatible with MG Series, SP Series, E Series, and Digiplex EVO
- ▶ Add 8 zones
- ▶ Selectable input resistors for EOL and Tamper
- ▶ 1 PGM output
- ▶ Use zone input as an anti-tamper switch input
- ▶ Support selectable EOL with V6.0

15362

PGM4 - 4 OUTPUT RELAY BUS MODULE



- ▶ Compatible with E55/E65 (V2.00), MG/SP (V3.00) and EVO
- ▶ 4 Fully programmable 5A relay outputs
- ▶ Deactivate PGM after event and/or timer
- ▶ Pulse PGM output for fire alarms
- ▶ In-field firmware upgradeable

50108

PS17 - BUS POWER SUPPLY



- ▶ 1.7A switching power supply
- ▶ Fully supervised (AC, battery, low battery and auxiliary limit)
- ▶ Selectable battery charge current (350mA/850mA)
- ▶ 1 PGM output
- ▶ Includes 20cm x 25.5cm x 7.6cm (8" x 10" x 3") metal box

50108	Paradox - PS17 - BUS Power Supply in Cabinet
50108P	Paradox - PS17 - BUS Power Supply - PCB only

EVO BUS Detectors

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00160

DM50 - BUS PIR



- ▶ Patented Digital Motion Detection (no analogue circuitry)
- ▶ Digital Auto Pulse Signal Processing
- ▶ Digital Shield algorithm software
- ▶ Metal shield maximizes protection from EMI and RFI signals
- ▶ 12m (40ft) X 12m (40ft) range with 110° viewing angle

00164

DM70 - BUS PIR



- ▶ Dual optics (2 dual opposed element sensors)
- ▶ Provides superior pet immunity using a patented combination of advanced optics and digital processing technologies
- ▶ Immune to pets weighing up to 40kg (90lbs)
- ▶ Extremely reliable and false-alarm free
- ▶ Patented Digital Motion Detection (no analogue circuitry)
- ▶ Digital Auto Pulse Signal Processing
- ▶ Digital Shield algorithm software
- ▶ Metal shield maximizes protection from EMI and RFI signals
- ▶ 10.5m (35ft) X 10.5m (35ft) range with 90° viewing angle

00120

DIGIGARD 85 - OUTDOOR PIR



- ▶ Impact and temperature resistant casing (-35°C to 50°C / -31°F to 122°F)
- ▶ Patented Digital Motion Detection
- ▶ Extremely reliable and false-alarm free
- ▶ Dual Optical Filtering System
- ▶ UV protected lens
- ▶ Dual optics (2 dual opposed element sensors)
- ▶ Digital Dual Opposed Detection
- ▶ Multi-level sensitivity adjustment
- ▶ Two operational modes (Bus or Relay operation)
- ▶ Can be used with the Heavy Duty Outdoor Swivel Bracket (SB85)

00121

DIGIGARD 85L2 - OUTDOOR CURTAIN PIR



- ▶ Impact and temperature resistant casing (-35°C to 50°C / -31°F to 122°F)
- ▶ Patented Digital Motion Detection
- ▶ Extremely reliable and false-alarm free
- ▶ Dual Optical Filtering System
- ▶ UV protected lens
- ▶ Dual optics (2 dual opposed element sensors)
- ▶ Digital Dual Opposed Detection
- ▶ Multi-level sensitivity adjustment
- ▶ Two operational modes (Bus or Relay operation)
- ▶ Can be used with the Heavy Duty Outdoor Swivel Bracket (SB85)

00152

PARADOME DG467 - PIR 360° COVERAGE FOR SMALL OFFICE



- ▶ Two operational modes (addressable for the Digiplex and Digiplex EVO series or conventional relay operation)
- ▶ Dual opposed element sensor
- ▶ Digital Detection
- ▶ 7m x 6m (24ft x 20ft) at 2.4m (8ft)
- ▶ 11m x 6m (35ft x 20ft) at 3.7m (12ft)
- ▶ 360° viewing angle

05205

DG457 - GLASSBREAK BUS OR RELAY OUTPUT



- ▶ Two operational modes (addressable for the Digiplex EVO series or conventional relay operation)
- ▶ Remote test mode when used with Test Trek V2
- ▶ Full audio and infrasonic spectrum analysis
- ▶ 7 frequency digital filters, digital amplifier gain and frequency fluctuation assessment
- ▶ Impact and shock wave analysis
- ▶ High-immunity to RFI and EMI signals
- ▶ Adjustable sensitivity: covers up to 9m (30ft) when set to high and up to 4.5m (15ft) when set to low
- ▶ TestTrek (459) used for testing available separately
- ▶ Anti-tamper switch

EVO Access Control

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15368

ACM12 - SINGLE DOOR ACCESS MODULE



- ▶ Transformer Sharing: Use one transformer to power multiple modules that have this feature
- ▶ Grant access via card and/or panel access code with the R915
- ▶ Arm with card and pin with the R915
- ▶ Connections for 1 door (card reader, REX, door contact and lock output)
- ▶ Connect only 4 wires between the reader and ACM12 module when using a R910 or a R915 reader
- ▶ In-field firmware upgradeable via CONV4USB and WinLoad
- ▶ Automatic unlocking schedule
- ▶ Door Left Open and Door Forced Open options
- ▶ Door unlock and extended delay timers
- ▶ Unlock door manually with button or PGM event
- ▶ Unlock Door On Fire Alarm option
- ▶ Safe Mode option (during a communication loss, the access control door connected to the module can grant access to up to 4 specified cards or any valid access card)
- ▶ Built-in supervised 1.5A switching power supply
- ▶ Push button to activate or deactivate the Auxiliary output
- ▶ Supports 4-wire and 26-bit Wiegand card readers
- ▶ Fits in a 20cm x 25.5cm x 7.6cm (8in x 10in x 3in) metal box

15368	ACM12 - Single Door Access Module - Small Cabinet - Transformer
15368L	ACM12 - Single Door Access Module - Large Cabinet
15368P	ACM12 - Single Door Access Module - PCB only
15368S	ACM12 - Single Door Access Module - Standard Cabinet
15368R	ACM12 - Single Door Access Module - Cabinet - PosiProx Outdoor Reader

30100

POSIPROX R910 - 4 WIRE INDOOR/OUTDOOR PROX READER



- ▶ In-field firmware upgrade
- ▶ Extreme weather-resistant design
- ▶ Up to 10cm (4in) read range with C702 Standard Proximity Card(Clamshell)
- ▶ Supports the RS-485 output format
- ▶ Tricolor LED display
- ▶ Advanced SwiftRead Technology
- ▶ Elegant blue face light
- ▶ R910 V1.00 are not upgradable to V2.10, only V2.00 readers are upgradable to V2.10
- ▶ Imperial compatibility with R910 V2.10 or higher only

30105

POSIPIN R915 - 4 WIRE SEALED INDOOR/OUTDOOR PROX READER AND KEYPAD



- ▶ Only 4 wires instead of 7 to connect with 4-wire access control modules
- ▶ In-field firmware upgradeable via CONV4USB and WinLoad
- ▶ Adjustable red/green LED intensity and buzzer frequency
- ▶ Extreme weather-resistant design (injected rubber gasket and PCB cover)
- ▶ Tricolor LED display
- ▶ Available in 3 colors (white, silver and black)

EVO Speciality Accessories

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15345

LSN4 - LISTEN IN MODULE FOR DIGIPLEX AND EVO



- ▶ Continuous recording feature: record up to a total of 120 seconds before and after an alarm event has occurred
- ▶ This recording can then be played back later by the monitoring station or user
- ▶ Connect up to four primary SUB1 substations per Listen-In module
- ▶ Page and/or communicate with other substations
- ▶ Arm, disarm or listen to the system status or to what is happening in protected areas all via telephone
- ▶ Record and enable personalized audio labels for up to 8 partitions and 8 users
- ▶ Can be connected to a music source such as a stereo to have background music play through the substations
- ▶ Voice announcement of system status during an alarm
- ▶ Compatible with EVO control panels

15346

SUB1 - LISTEN IN SUBSTATION



- ▶ Connects to the LSN4 Listen-in module
- ▶ Comes with three buttons that allow the user to access functions like paging, background music and panic options
- ▶ Use the substation to communicate with the monitoring station and/or other substations
- ▶ Mute function allows you to mute the background music and certain messages while still allowing alarm messages to be broadcast
- ▶ Volume control knob lets you set each substation to your desired level
- ▶ Additional substations can be added to function as speakers to improve the broadcasting of pages, system messages and background music

15330

PRT3 - INTEGRATION MODULE FOR DIGIPLEX, NE, SP AND EVO



- ▶ In-field firmware upgradeable via a CONV4USB and WinLoad
- ▶ Supports ASCII / C-BUS protocols
- ▶ 16 virtual inputs to trigger an action in the EVO control panel based on an event received from the peripheral system using ASCII or C-BUS protocol
- ▶ 30 virtual PGMs to trigger an action in the peripheral system using ASCII or C-BUS protocol based on an event received from the EVO control panel
- ▶ USB port for PC connections
- ▶ Provides an interface between an EVO control panel and a third party peripheral system
- ▶ Automatically/manually print reports of zones/systems event via printer and/or PC
- ▶ Parallel and serial port for printer connections
- ▶ Assign to one or more partitions
- ▶ 2048 event buffer
- ▶ Available in English, French, Spanish or Portuguese

15358P

HUB2 - 2 PORT LAN ISOLATOR - PCB ONLY



- ▶ Divide the bus into two completely isolated outputs (if one output fails, the other will continue to function)
- ▶ One input port, 2 completely isolated output ports
- ▶ Each output port provides communications up to 900m (3000ft)

EVO Wireless Devices

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10401MG



RTX3 - WIRELESS RECEIVER

- ▶ Compatible with 728ULT, 738ULT, Spectra SP Series, Digiplex and Digiplex EVO
- ▶ 32 wireless zones (Spectra SP and EVO only)
- ▶ Maximum number of remote controls: 8 w/Espirit, 32 w/SP, 999 w/EVO
- ▶ Remote control compatibility
- ▶ EVO: REM1, REM2
- ▶ SP: REM1, REM2, REM3
- ▶ Espirit: REM1
- ▶ Stand Alone: REM1
- ▶ Wireless PGMs (8 w/EVO, 16 w/SP)
- ▶ Functions with all MAGELLAN transmitters
- ▶ Supports two RPT1 and eight K32LRF / K32IRF (Spectra SP only)
- ▶ In-field firmware upgradeable via CV4USB and Winload
- ▶ RF jamming supervision
- ▶ Low battery, tamper and check-in supervision
- ▶ Transmitter signal strength display
- ▶ 3 PGM outputs and 1 optional output
- ▶ Noise level test and indicator

10407



REM101 - SINGLE BUTTON TRANSMITTER

- ▶ Water resistant
- ▶ Panic function allows user to instantly send panic signal to monitoring station
- ▶ Manually-activated battery test function
- ▶ Visual indicator (LED) for arming actions and battery testing
- ▶ Includes lanyard attachment to facilitate portability; optional wrist strap and belt clip also available
- ▶ Includes easily-replaceable CR2032 battery, with a battery life of 3 years
- ▶ Available in black or white colour
- ▶ Wireless range in a typical residential environment:
 - 30m (100ft) with MG6250 and RX1
 - 45m (150ft) with MG5050, K32LX and K641LX
 - 60m (200ft) with RTX3

10407	REM101 - Single Button Transmitter
10407B	BC101 - Belt Clip for REM101
10407WS	B101 - Wrist Strap for REM101
10407WB	WB101 - Wall Bracket for REM101

10408



REM15 - 4 BUTTON REMOTE

- ▶ Slim, ergonomic design
- ▶ Water resistant
- ▶ Perform up to 5 different actions
- ▶ Wireless range in a typical residential environment:
 - 30m (100ft) with all-in-one consoles and RX1
 - 45m (150ft) with MG5050
 - 60m (200ft) with RTX3/RPT1
- ▶ Available in 433MHz or 868MHz

10409



REM3 - HAND HELD 2 WAY REMOTE KEYPAD

- ▶ Compatible with MG5000, MG5050, and Spectra SP series V3.00 (or higher) and RTX3 V1.31 (or higher)
- ▶ Supports StayD
- ▶ System Status Memory: The REM3 will keep the last system status received from the control panel in memory. Momentarily press the Info button to display the last system status-even when out of range. Used to confirm the last action you did on the system while away from the system.
- ▶ Configure which partitions the REM3 arms/disarms
- ▶ Built-In Transceiver (433MHz or 868MHz)
- ▶ Independent Arm, Sleep, Stay and Off buttons and LED display per partition
- ▶ Control up to 6 PGMs and/or generate panics
- ▶ Keypad Mode: Requires code entry
- ▶ Remote Mode: One-touch arming / Disarming
- ▶ Installer Diagnostic Mode:
 - ▶ Partition 1 LEDs = Signal Strength Display
 - ▶ Partition 2 LEDs = RF Interference Display
- ▶ Provides visual and auditory feedback of system status
- ▶ Press the Status button to receive system status
- ▶ Label to identify remote control owner
- ▶ Compact, water-resistant design
- ▶ Size: 8cm x 3.4cm x 1.5cm (3.1in x 1.3in x 0.6in)

EVO Wireless Devices

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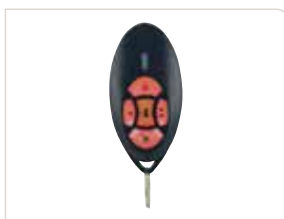
10412MG



REM1 - 4 BUTTON REMOTE

- ▶ Water resistant, stylish clear blue plastic with backlight for buttons
- ▶ Perform up to 5 different actions
- ▶ Wireless range in a typical residential environment:
 - 30m (100ft) with MG6160 / MG6130
 - 45m (150ft) with MG5000 / MG5050
 - 60m (200ft) with RTX3
- ▶ Available in 433MHz or 868MHz

10413MG



REM2 - 2 WAY 5 BUTTON REMOTE

- ▶ Supports StayD (Version 2.0 or higher)
- ▶ System Status Memory: The REM2 will keep the last system status received from the control panel in memory. Momentarily press the Info button to display the last system status—even when out of range. Used to confirm the last action you did on the system while away from the system.
- ▶ Built-in transceiver (433MHz or 868MHz)
- ▶ Displays system status using visual (LED) and auditory feedback
- ▶ Press the Status button at any time to receive the system status
- ▶ Perform up to 6 different actions per remote control
- ▶ Compact, water-resistant design with backlight for buttons
- ▶ Wireless range in a typical residential environment:
 - 30m (100ft) with MG6160 / MG6130
 - 45m (150ft) with MG5000 / MG5050 / RTX3

10410MG



PMD2P - WIRELESS PIR

- ▶ Dual element sensor
- ▶ Immune to animals weighing up to 18kg (40lb)
- ▶ 11m x 11m (35ft x 35ft) and up to 15m (50ft) for center beams with 88.5° viewing angle
- ▶ Wireless range in a typical residential environment:
 - 35m (115ft) with MG6160, MG6130, and MG6250;
 - 70m (230ft) with MG5000, MG5050, and RTX3
- ▶ When a higher level of immunity is required, such as when animals are constantly in the detection area, consider using PMD75
- ▶ Patented Auto Pulse Signal Processing
- ▶ Automatic Temperature Compensation
- ▶ Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- ▶ 3-minute energy save mode after two detections within a five-minute period
- ▶ Dual tamper mechanism (wall/cover)
- ▶ Slide switch to select high or low sensitivity
- ▶ EN 300-200 certified
- ▶ EN 50131 certified

10411MG



PMD75 - WIRELESS PET PIR

- ▶ Patented digital motion detection
- ▶ Dual optics (2 dual opposed element sensors)
- ▶ Immune to animals weighing up to 40kg (90lb)
- ▶ Digital dual opposed detection
- ▶ Digital shield algorithm with adjustable sensitivity
- ▶ Single or dual edge processing
- ▶ 11m x 11m (35ft x 35ft) with 90° viewing angle
- ▶ MG or Omnia
- ▶ Patented auto pulse signal processing
- ▶ Automatic temperature compensation
- ▶ Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- ▶ 3-Minute energy save mode after two detections within a five-minute period

10417MG



PMD85 - WIRELESS OUTDOOR PIR

- ▶ Impact and temperature resistant casing
- ▶ Operates at -35°C to +50°C (-31°F to +122°F)
- ▶ Casing lined with an injected rubber gasket
- ▶ UV protected lens
- ▶ Dual Optical Filtering System
- ▶ Multi-level sensitivity adjustment
- ▶ Patented Digital Motion Detection
- ▶ Dual optics (2 dual opposed element sensors)
- ▶ Digital Dual Opposed Detection
- ▶ Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- ▶ 3-minute energy save mode after two detections within a five-minute period
- ▶ Can be used with the Heavy Duty Outdoor Swivel Bracket (SB85)

EVO Wireless Devices

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10418MG



PMD85 - VERTICAL CURTAIN OUTDOOR PIR

- ▶ Impact and temperature resistant casing
- ▶ Operates at -35°C to +50°C (-31°F to +122°F)
- ▶ Casing lined with an injected rubber gasket
- ▶ UV protected lens
- ▶ Dual Optical Filtering System
- ▶ Multi-level sensitivity adjustment
- ▶ Patented Digital Motion Detection
- ▶ Dual optics (2 dual opposed element sensors)
- ▶ Digital Dual Opposed Detection
- ▶ Alive software (alarm LED continues to display when PIR is in energy save mode without compromising battery life)
- ▶ 3-minute energy save mode after two detections within a five-minute period
- ▶ Can be used with the Heavy Duty Outdoor Swivel Bracket (SB85)

10419MG



GS250 - GPOWER WIRELESS MULTI-AXIS DETECTOR (ACCELEROMETER)

- ▶ Three-axis (X, Y, and Z axis) accelerometer detection
- ▶ Adjustable sensitivity for any installation (grace period of up to 4 seconds can be added):
 - Short movement (High-security) = 1 to 3-seconds
 - Long movement (Standard-security) = 3 to 5-seconds
- ▶ Long battery life (2 years with two detections per week)
- ▶ Low battery and RF supervision
- ▶ Dual-tamper detection for removal or opening of the device
- ▶ Power saving mode (conserves battery life)

10422



NVR780 - WIRELESS OUTDOOR PIR

Advanced Digital Technology:

- ▶ Two double passive infrared motion detector with eight narrow detection beams, managed by Full Authority Digital Electronics Control (FADEC)
- ▶ High-resolution and full dynamic range digital signal conversion
- ▶ High-speed, advanced algorithm digital signal processing
- ▶ Digital EMI / RFI interference rejection
- ▶ True Pet Immunity, up to 40kg (90lb)

Advanced Optical Technology:

- ▶ 4x dual element sensors arrangement
- ▶ High efficiency long focal point (1.77") lens, providing long-range narrow beams
- ▶ 2 pairs of narrow beams per side provide 2x signals per protected area crossing for increased "catch" and false alarm rejection

- ▶ Combination optics of mirror reflector and 2nd generation Fresnel "LoDiff" Lens
- ▶ Increased white light rejection

Advanced Wireless Operation:

- ▶ Ultra low power management operation with Paradox Effi+ circuit
- ▶ Dual tamper detection (removal of cover or unit)
- ▶ Easy Installation and Setup:
- ▶ Single or Dual Zone operation modes: two sides can report to a single zone or to two separate zones
- ▶ Optical and digital range adjustments
- ▶ Bright LED and buzzer indicator for clear adjustment feedback
- ▶ No need for PCB removal
- ▶ Wall mount, with built-in level tool
- ▶ In-field firmware upgradable via serial port

10420MG



WS588P - WIRELESS SMOKE DETECTOR

- ▶ One high-sensitivity photoelectric smoke sensor
- ▶ Compact, low-profile design
- ▶ Built-in siren
- ▶ Protection against the ingress of foreign bodies/insect guard
- ▶ CE and EN 14604 certified

10421



WH588P - WIRELESS HEAT DETECTOR

- ▶ Fixed temperature heat sensor
- ▶ DC battery operated wireless alarm
- ▶ Compact, low-profile design
- ▶ Built-in siren
- ▶ Available in 433MHz or 868MHz
- ▶ Protection against the ingress of foreign bodies/insect guard
- ▶ Anti-tamper sensor
- ▶ Test button
- ▶ LED operation indicator
- ▶ Low battery indicator
- ▶ Easy installation
- ▶ CE certified

EVO Wireless Devices

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10423

WC588P - WIRELESS CARBON MONOXIDE DETECTOR



- ▶ Highly sensitive electrochemical carbon monoxide sensor
- ▶ DC battery operated wireless alarm
- ▶ Compact, low-profile design
- ▶ Built-in siren
- ▶ Available in 433MHz or 868MHz
- ▶ Protection against the ingress of foreign bodies/insect guard
- ▶ Anti-tamper sensor
- ▶ Test/Hush button
- ▶ LED operation indicator
- ▶ Low battery indicator
- ▶ Easy installation
- ▶ CE and EN 50291 certified

10424

G550 - WIRELESS GLASSBREAK DETECTOR



- ▶ Modern & sleek design
- ▶ Supervised wireless detector offered in 433 MHz and 868 MHz
- ▶ Six meter (20 ft.) radius range and 360° coverage pattern protects an entire room with one sensor
- ▶ Detect breaking of different types of glass including plate, tempered, laminated and wired
- ▶ Standard Alkaline 3x AAA type battery with low battery supervision
- ▶ Factory-set sensitivity for safer installation
- ▶ Recognizes actual pattern of breaking glass across the full audio band
- ▶ Impact and shock wave analysis
- ▶ High-immunity to RFI and EMI signals
- ▶ Hand-held tester available separately

10414MG

DCT10 - UNIVERSAL TRANSMITTER



- ▶ 2-Zone capabilities where each zone is independent and has its own serial number
- ▶ Zone 1 - one of two high-sensitivity reed switches (magnet included)
- ▶ Zone 2 - universal transmitter input (N.O./N.C.)
- ▶ Wireless range in a typical residential environment:
 - 35m (115ft) with MG6250;
 - 70m (230ft) with MG5050 and RTX3
- ▶ Low battery and signal transmission LED
- ▶ Available in 433MHz or 868MHz
- ▶ Anti-tamper switch
- ▶ Dimensions: 12.4cm x 4.5cm x 3.3cm (4.9in x 1.8in x 1.3in)

10415MG

DCT2 - MINI TRANSMITTER



- ▶ One high-sensitivity reed switch (magnet included)
- ▶ Wireless range in a typical residential environment:
 - 20m (65ft) with MG6160 and MG6130;
 - 40m (130ft) with MG5000, MG5050 and RTX3
- ▶ Available in 433MHz or 868MHz
- ▶ Anti-tamper switch
- ▶ Dimensions: 4.4cm x 3.0cm x 1.7cm (1.7in x 1.2in x 0.7in)

EVO Wireless Devices

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10425

2WPGM - 2 WAY PGM TRANSCEIVER



- ▶ 2-Way communication allows the 2WPGMs to receive commands from Magellan Transceivers and then confirm the command
- ▶ Backup alarm reporting option (activates PGM output if communication between the Magellan All-In-One-Consoles and the 2WPGM is lost)
- ▶ 1 Fully programmable 5A relay output
- ▶ Deactivate PGMs after event or timer
- ▶ Requires an AC or DC input voltage (6v AC to 16.5v AC or 5v DC to 30v DC)
- ▶ Can be powered by the PA12
- ▶ Universal transmitter input (N.O./N.C.)
- ▶ Wireless range in a typical residential environment:
 - 35m (115ft) with MG6250;
 - 70m (230ft) with MG5050
- ▶ Anti-tamper switch
- ▶ Dimensions: 12.5cm x 4.6cm x 2.5cm (4.9in x 1.8in x 1.0in)

75212

LIVEWIRE - T433PLV - VEHICLE TRANSMITTER



- ▶ Vehicle Transmitter

EVO Communicator Modules

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35270

PCS250 - GPRS/GSM COMMUNICATOR MODULE



- ▶ Compact, sleek design
- ▶ Report events to the IPR512 GPRS/IP Monitoring Receiver and/or IPRS-7 IP/GPRS PC Receiver Software
- ▶ Report via text message (up to 16 cell phone numbers)
- ▶ Control panel communication supervision
- ▶ End-user can arm or disarm the system by sending a text message (SMS) to the PCS250
- ▶ Send pre-recorded voice messages to up to 8 telephone numbers to report alarms using the optional VDMP3
- ▶ Paradox Plug-in Voice Module (GSM mode)
- ▶ Simple installation with 4-wire serial connection
- ▶ Optional rod antenna can be installed up to 18m (60ft) from the module using optional antenna cable extensions depending on the local signal strength
- ▶ 128-bit (MDS) and 256-bit (AES) encryption (GPRS mode)
- ▶ Increase the distance between the panel and the PCS250 module with an RS485 link (GSM mode only via e-bus) A CVT485 module must be added to the panel in order to accomplish this
- ▶ Report via GSM (CID, SIA)

35270 PCS250 - GPRS/GSM Communicator Module

15398CABLE Cable to connect PCS250 to IP150

35271

PCS250G - GPRS COMMUNICATOR MODULE



- ▶ Compact, sleek design
- ▶ Instant notification of panel supervision loss
- ▶ Easily arm/disarm the system via SMS
- ▶ Report alarms by text messages to up to 16 cellular phone numbers
- ▶ Simple installation with 4-wire serial connection
- ▶ Supports 2 GSM provider SIM cards for provider redundancy
- ▶ Tamper switch support
- ▶ Optional rod antenna can be installed up to 18m (60ft) from the module using optional antenna cable extensions depending on the local signal strength
- ▶ In GPRS mode, messages are secured with 128-bit (MD5) and 256-bit (AES) encryption
- ▶ Certification: EN 50136 ATS 5 Class II, Certification Body Intertek

35280

PCS260 - 4G / 3G / 2G / GSM COMMUNICATOR



The PCS260 delivers 4G/3G/2G communication or GSM reporting data exchange solutions for Paradox systems. It provides reliable reporting and two-way communication between Paradox control panels and their respective monitoring stations, as well as personal messaging. It is also future ready supporting access from the Paradox smartphone application.

- ▶ 4G (3.75G) reporting speed of system data to IPR512 Monitoring Receiver or IPRS-7 IP/GPRS
- ▶ 3G / 2G auto connect if 4G not available
- ▶ Two SIM cards support for provider redundancy
- ▶ Control panel communication supervision
- ▶ 4-wire installation
- ▶ Future ready (third quarter 2016) for smartphone application access
- ▶ Arm or disarm the system via text message (SMS) to the PCS260/265
- ▶ Dual tamper switch (wall and cover removal)
- ▶ Encrypted communication (128-bit)

35272

UC300 - UNIVERSAL CONVERTER - CID TO IP REPORTING MODULE



- ▶ Enables reporting of events/alarms from any security control panel to Paradox IPR512 or IPRS7 receivers via IP and cellular network (while connected to IP150 and/or PCS250/PCS250G)
- ▶ Sends email notifications of system events/alarms (with IP150 connected)
- ▶ Sends SMS notifications of system events/alarms (with PCS250/PCS250G connected)
- ▶ Provides LED indications for dialer connectivity and power
- ▶ Easy installation - built-in clip for mounting on panel enclosure; no screws required

35272 UC300 - Universal Converter - CID to IP Reporting Module

35272E UC300 Ethernet Kit - Includes UC300 & IP150 Internet Module

35272G UC300 GPRS Kit - Includes UC300 & PCS250G GPRS Communicator

EVO Communicator Modules

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10476

EXTERNAL AERIAL KIT FOR GPRS14 & PCS250

- Improves reception by extending the antenna



35275

ANTENNA EXTENSION FOR PCS250

- Antenna not included



35275-15	Antenna Extension for PCS250 - 15m
35275-2	Antenna Extension for PCS250 - 2m
35275-4	Antenna Extension for PCS250 - 4m

15333

VDMP3 - PLUG IN VOICE MODULE FOR SP/MG, DIGIPLEX AND EVO

- Compatible with SP series (V2.10 or higher), MG Series (V2.10 or higher), EVO control panels and PCS200 GSM module
- Record a "Site ID" to identify the installation site (Requires EVO V2.10 to program)
- Dial up to 8 telephone numbers to report a burglar, panic or fire alarm using prerecorded messages
- Arm/disarm the system remotely via telephone
- Control PG/MS and toggle utility keys remotely via telephone
- Voice-guided menu
- In-field upgradeable
- Connects directly onto the control panel



15398

IP150 - INTERNET MODULE

- SSL support for sending secured emails via a secure sockets layer; a protocol for encrypting information over the Internet
- HTTPS support for improving security (HyperText Transfer Protocol Secure; a widely used communications protocol for secure communication over a computer network)
- Two I/Os on board; controlled via the web interface, triggering an email
- Event log on web interface; displays last 64 events
- Easy installation; built-in clip for mounting in a metal box
- Report control panel events via IP to the Paradox IPR512 GPRS/IP Monitoring Receiver
- Control and monitor a control panel through an IP network (LAN/WAN/Internet)
- Compatible with Spectra SP series (V2.10 or higher), MG5000/MG5050 (V2.10 or higher) and EVO control panels
- Use NEware, WinLoad or Babyware to access your system through the Internet
- Receive notification of system alarms via email
- Arm/disarm individual partitions via web browser
- View live status of all zones and partitions (e.g., open/close, arm/disarm, troubles and alarms) via web browser
- ParadoxMyHome available for dynamic IP address
- Very low bandwidth consumption
- Supported language: English



15398	IP150 - internet module
15398CABLE	Cable to connect PCS250 to IP150

EVO Software & Accessories

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FREEBABY



BABYWARE (V2.4) - PC SOFTWARE

- Compatible with EVO192, SP4000, SP65, SP5500, SP6000, SP7000, MG6250, MG5000 and MG5050
- Upload/download via GPRS (38K/bps) or IP (128K/bps)
- Same software for users and installers (user rights)
- Multi-account and multi-user capacity
- Controls firmware upgrade of control panel and system modules
- User friendly layout and operation
- Easy monitoring and site management tools
- Test Mode: Tests for zone connectivity and operation
- Powerful and fast sort, search and print capability
- Data backup and powerful undo and recycle bin features

15395



NEWARE ACCESS VERSION SOFTWARE

- Now supports internet (TCP/IP) communication. Requires IP150 internet module
- Program access codes and settings of all users in EVO192 system
- Live system monitoring (view system and zone status and troubles) without interrupting central station communication or system operation
- Draw and download/upload up to 32 floor plans for Grafica
- Download images and tunes into Grafica for special events
- Arm/disarm, bypass zones
- Search, sort and filter saved system events
- Generate and print customized reports
- Download floor plans, tunes, graphics and screen savers into Grafica
- On-site (local) uploading and downloading at 38.4k baud (EVO) using a 307USB Direct Connect Interface (60m/200ft) or a CONV4USBConverter (300m/1000ft)
- Supports several languages simultaneously

15395	NEWare Access Version Software
15395KIT	NEWare Access Version Software with 307USB Direct Connect

15620



PMC5 - MEMORY KEY FOR SP, EVO AND NE

- Used to download or upload system programming to or from a PC with BabyWare
- Lock switch to prevent accidental loss of data
- LED status indication
- Download or upload control panel/console programming within seconds
- Connect directly to memory connector on the control panel/console
- No need for a telephone line, PC or any other peripheral device

15162 / 64



307 - DIRECT CONNECT INTERFACE

- Incorporates a USB port and a serial port (DB-9)
- Enables control panel to communicate with a PC at 60m (200ft)
- Connect from the control panel's serial port connector to a PC's serial (DB-9) or USB port
- Includes 3 LED status indicators (PC, Panel and RX/TX)
- Communication speed:
 - 57.6k baud (Magellan)
 - 38.4k baud (EVO)
 - 9.6k baud (MG series and SP series)

15162	307 Direct Connect Interface with 3m Serial Cable
15162A	307 Direct Connect Interface Only (no cables)
15164	307 Direct Connect Interface with 3m USB Cable



DETECTORS & SOUNDERS:

- ▶ Paradox Passive Infrared Detectors (PIRs)
- ▶ EVO BUS Detectors
- ▶ Paradox PIR Lenses & Brackets
- ▶ Paradox Seismic & GlassBreak Detectors
- ▶ Fire, Heat & Smoke Detectors
- ▶ Point-to-Point Beams
- ▶ Reed Switches & Hold Up Buttons

Detection Solution

From outdoor and pet-friendly digital motion detectors to analogue motion detectors, the Paradox series of motion detectors combine advanced features and patented technologies to provide a high level of detection and false alarm prevention.

Paradox Passive Infrared Detectors (PIRs)

Developed for high-security applications, the digital motion detectors perform direct analogue to digital conversion of the PIR sensor's signal using a powerful, high-speed microprocessor based digital IC. A software-driven process that converts, amplifies and processes the sensor's low-level signal in the digital domain without any analogue circuitry (no saturation, no loss of data, no noise). This unique technology provides increased accuracy, reliability and superior false alarm immunity.

Paradox patented Auto Pulse Signal Processing transforms the signal energy to a pulse output to determine if the progression of the detected occurrence corresponds to an alarm condition. Energy from the signals are measured and stored in memory until a minimum level is reached. The processor then rejects signals that do not meet its required specifications for generating an alarm.

Sounders

Sirens are an important part of any security system. We offer an extensive range of indoor and outdoor sirens that are compatible with any security system.

Paradox Passive Infrared Detectors (PIRs)

Security Alarms Catalogue | Atlas Gentech (NZ) Limited | www.atlasgentech.co.nz

00100

476 - PRO+ PIR



- ▶ Extremely high EMI and RFI rejection
- ▶ PCB uses only surface mount components
- ▶ Solid-state relay
- ▶ 11m (35ft) X 11m (35ft); 110° viewing angle

00102

476PET - PRO+ PIR



- ▶ Immune to animals weighing up to 18kg (40lb)
- ▶ When a higher level of immunity is required, such as when animals are constantly in the detection area, consider using DG75
- ▶ 11m x 11m (35ft x 35ft) and up to 15m (50ft) for center beams with 88.5° viewing angle
- ▶ Extremely high EMI and RFI rejection
- ▶ PCB uses only surface mount components
- ▶ Solid-state relay
- ▶ Patented Auto Pulse Signal Processing
- ▶ Automatic Temperature Compensation
- ▶ Metal shield maximizes protection from EMI and RFI signals
- ▶ Dual element sensor
- ▶ Anti-tamper switch

00110

NV5 - HIGH-PERFORMANCE DIGITAL PIR



- ▶ Infrared motion detector managed by full authority digital electronics control (FADEC)
- ▶ Paradox's hybrid cylindrical-spherical 1.0 lens with 3rd generation 3D Lodiff® Fresnel segments (10 x 10 m (32.8 x 32.8 ft.), 102° viewing angle and 0.5 m (1.6 ft) to max range (no dead zone beam pattern)
- ▶ Paradox's equalized detection pattern - ensures equal sensitivity throughout the protected area
- ▶ Paradox super creep down-looking beam optic option for straight down detection
- ▶ Pet immunity up to 16 kg (35 lb) with creep zone mirror removed
- ▶ Dual/single edge processing selection - the only one in its class
- ▶ Paradox patented dual digital auto pulse signal processing (APSP) with two-level selection
- ▶ Digitally equalized temperature compensation; unit performance specifically tailored to obtain same catch capability at all specified operating temperatures
- ▶ Digital sensitivity trimmer adjustment with five range levels and LED feedback, allows for perfect unit adjustment for all room sizes
- ▶ Miniature yet easy to install with no PCB removal or adjustment CE and EN50131 Grade 2 approved

00110	NV500 - High-Performance Digital PIR
00110-10+	NV500 - High-Performance Digital PIR for 10 or more
00110-25+	NV500 - High-Performance Digital PIR for 25 or more

00302

SB100 - MOUNTING BRACKET



- ▶ For use with the NV500 High Performance Infrared motion detector
- ▶ 2 in 1; wall and ceiling mount bracket
- ▶ Innovative design allows for movement along the x-axis for better detector positioning

00112

DG55 - DIGITAL DUAL ELEMENT PIR



- ▶ Dual element sensor
- ▶ 12m (40ft) x 12m (40ft); 110° viewing angle

Paradox Passive Infrared Detectors (PIRs)

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00114

DG65 - DIGITAL QUAD ELEMENT PIR



- ▶ Digital Dual Opposed Detection
- ▶ Interlock Sensor Geometry
- ▶ Quad element sensor
- ▶ 12m (40ft) X 12m (40ft); 110° viewing angle

00116

DG75 - PET FRIENDLY PIR



- ▶ Extremely reliable and false-alarm free
- ▶ Dual optics (2 dual opposed element sensors)
- ▶ Provides superior pet immunity using a patented combination of advanced optics and digital processing technologies
- ▶ Immune to pets weighing up to 40kg (90lbs)
- ▶ Digital Dual Opposed Detection
- ▶ 11m (35ft) X 11m (35ft); 90° viewing angle

00118

NV75M - DUAL MIRONEL OPTICS ANTI-MASK INDOOR PIR



- ▶ 16 metre Dual Mironel detector
- ▶ Active Anti-Mask IR detection
- ▶ Pet immunity
- ▶ Dual/Single Edge operation
- ▶ Mechanical activation Creep Zone
- ▶ Dual Tamper (cover and wall)
- ▶ Wall or corner-mount
- ▶ Optional bracket
- ▶ EN 50131-2-2 Grade 3

00120

DG85 - WIDE ANGLE OUTDOOR PIR



- ▶ Impact and temperature resistant casing (-35°C to 50°C / -31°F to 122°F)
- ▶ Patented Digital Motion Detection
- ▶ Extremely reliable and false-alarm free
- ▶ Dual Optical Filtering System
- ▶ UV protected lens
- ▶ Dual optics (2 dual opposed element sensors)
- ▶ Digital Dual Opposed Detection
- ▶ Multi-level sensitivity adjustment
- ▶ Two operational modes (Bus or Relay operation)
- ▶ Can be used with the Heavy Duty Outdoor Swivel Bracket

00121

DG85L2 - OUTDOOR VERTICAL CURTAIN PIR



- ▶ Impact and temperature resistant casing (-35°C to 50°C / -31°F to 122°F)
- ▶ Patented Digital Motion Detection
- ▶ Extremely reliable and false-alarm free
- ▶ Dual Optical Filtering System
- ▶ UV protected lens
- ▶ Dual optics (2 dual opposed element sensors)
- ▶ Digital Dual Opposed Detection
- ▶ Multi-level sensitivity adjustment
- ▶ Two operational modes (Bus or Relay operation)
- ▶ Can be used with the Heavy Duty Outdoor Swivel Bracket

00130

VISION 525D - MICROWAVE & INFRARED DYNAMIC PIR



- ▶ Digital microwave/infrared detection
- ▶ Dynamic proximity feature allows for the detection of close proximity movements (less than 0.75m / 2.5ft) within the detector range
- ▶ Adjustable microwave range
- ▶ Two auto pulse settings; one for typical environment (normal), and one for high false alarm rejection (high)
- ▶ Installer test mode: test microwave and infrared detection individually

Paradox Passive Infrared Detectors (PIRs)

Security Alarms Catalogue | Atlas Gentech (NZ) Limited | www.atlasgentech.co.nz

00135

NVX80 - HIGH END DUAL TECHNOLOGY PIR - WITH RAIN COVER



- ▶ A large detection pattern (1.5m x 1.5m / 50ft x 50ft)
- ▶ Certification: EN 50131 Grade 3 Class IV
- ▶ Available in bracket configuration and wall mount
- ▶ All-weather cover included

00150

PARADOOR - VERTICAL VIEW TO COVER DOORWAY



- ▶ Adjustable lens position (0° or 10°)
- ▶ Selectable operational voltage (12v DC or 24v DC)
- ▶ Adjustable alarm signal duration
- ▶ Detects hand-sized objects for card access applications: 2m x 1.5m (7ft x 5ft)
- ▶ Detects body-sized objects for security applications: 6m x 4.5m (20ft x 15ft)

00152

DG467 - PIR 360 DEGREE COVERAGE FOR SMALL OFFICE



- ▶ Two operational modes (addressable for the Digiplex and Digiplex EVO series or conventional relay operation)
- ▶ Dual opposed element sensor
- ▶ Digital Detection
- ▶ 7m x 6m (24ft x 20ft) at 2.4m (8ft)
- ▶ 11m x 6m (35ft x 20ft) at 3.7m (12ft)
- ▶ 360° viewing angle

00122

NV780MX - PERIMETER HARDWIRE PIR - OUTDOOR DUAL SIDE-VIEW



Advanced Digital Technology:

- ▶ Anti-Masking
- ▶ Two double passive infrared motion detector with eight narrow detection beams, managed by Full Authority Digital Electronics Control (FADEC)
- ▶ High-resolution and full dynamic range digital signal conversion
- ▶ High-speed, advanced algorithm digital signal processing
- ▶ Digital EMI / RFI interference rejection
- ▶ True Pet Immunity, up to 40kg (90lb)

Advanced Optical Technology:

- ▶ 4x dual element sensors arrangement
- ▶ High efficiency long focal point (1.77") lens, providing long-range narrow beams

- ▶ 2 pairs of narrow beams per side provide 2x signals per protected area crossing for increased "catch" and false alarm rejection
- ▶ Combination optics of mirror reflector and 2nd generation Fresnel "LoDiff" Lens
- ▶ Increased white light rejection

Easy Installation and Setup:

- ▶ Single or Dual Zone operation modes: two sides can report to a single zone or to two separate zones
- ▶ Optical and digital range adjustments
- ▶ Bright LED and buzzer indicator for clear adjustment feedback
- ▶ No need for PCB removal
- ▶ Wall-mount, with built-in level tool
- ▶ In-field firmware upgradable via serial port

00123 / 10426

PARADOX - NV35M - INDOOR/OUTDOOR WINDOW & SLIDING DOOR PIR



- ▶ Pet Immune detection
- ▶ Anti-masking - Active IR Detection for sprayed liquids and blocking items up to 30cm
- ▶ Integrated creep zone detection
- ▶ Dual detectors controlled by Full Authority Digital Electronics Control (FADEC)
- ▶ Optical pet discrimination geometry to support Super Pet Immunity
- ▶ Dual tamper detection
- ▶ EN 50131-2:2 Grade 2

00123 Paradox - NV35M - Indoor/Outdoor Window & Sliding Door PIR

10426 Paradox - NVR35M - Indoor/Outdoor Window & Sliding Door Wireless PIR

Paradox EVO BUS Detectors

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00160

DM50 - BUS PIR



- ▶ Patented Digital Motion Detection (no analogue circuitry)
- ▶ Digital Auto Pulse Signal Processing
- ▶ Digital Shield algorithm software
- ▶ Metal shield maximizes protection from EMI and RFI signals
- ▶ 12m (40ft) X 12m (40ft) range with 110° viewing angle

00164

DM70 - BUS PIR



- ▶ Dual optics (2 dual opposed element sensors)
- ▶ Provides superior pet immunity using a patented combination of advanced optics and digital processing technologies
- ▶ Immune to pets weighing up to 40kg (90lbs)
- ▶ Extremely reliable and false-alarm free
- ▶ Patented Digital Motion Detection (no analogue circuitry)
- ▶ Digital Auto Pulse Signal Processing
- ▶ Digital Shield algorithm software
- ▶ Metal shield maximizes protection from EMI and RFI signals
- ▶ 10.5m (35ft) X 10.5m (35ft) range with 90° viewing angle

00120

DIGIGARD 85 - OUTDOOR PIR



- ▶ Impact and temperature resistant casing (-35°C to 50°C / -31°F to 122°F)
- ▶ Patented Digital Motion Detection
- ▶ Extremely reliable and false-alarm free
- ▶ Dual Optical Filtering System
- ▶ UV protected lens
- ▶ Dual optics (2 dual opposed element sensors)
- ▶ Digital Dual Opposed Detection
- ▶ Multi-level sensitivity adjustment
- ▶ Two operational modes (Bus or Relay operation)
- ▶ Can be used with the Heavy Duty Outdoor Swivel Bracket (SB85)

00121

DIGIGARD 85L2 - OUTDOOR CURTAIN PIR



- ▶ Impact and temperature resistant casing (-35°C to 50°C / -31°F to 122°F)
- ▶ Patented Digital Motion Detection
- ▶ Extremely reliable and false-alarm free
- ▶ Dual Optical Filtering System
- ▶ UV protected lens
- ▶ Dual optics (2 dual opposed element sensors)
- ▶ Digital Dual Opposed Detection
- ▶ Multi-level sensitivity adjustment
- ▶ Two operational modes (Bus or Relay operation)
- ▶ Can be used with the Heavy Duty Outdoor Swivel Bracket (SB85)

05205

DG457 - GLASSBREAK BUS & RELAY ALARM DETECTOR



- ▶ Two operational modes (addressable for the Digiplex EVO series or conventional relay operation)
- ▶ Remote test mode when used with Test Trek V2
- ▶ Full audio and infrasonic spectrum analysis
- ▶ 7 frequency digital filters, digital amplifier gain and frequency fluctuation assessment
- ▶ Impact and shock wave analysis
- ▶ High-immunity to RFI and EMI signals
- ▶ Adjustable sensitivity: covers up to 9m (30ft) when set to high and up to 4.5m (15ft) when set to low
- ▶ TestTrek (459) used for testing available separately
- ▶ Anti-tamper switch

15320

HD77 - PIR WITH CAMERA



- ▶ HD audio / video - with 360p video and live streaming
- ▶ Video on Demand (VOD) / Record on Demand (ROD)
- ▶ HD audio / video alarm event verification (jpg still images and H.264 video files)
- ▶ Integrated video verification alarm event reporting to the CMS (IPRS-7 / CMSI) and user (mobile app)
- ▶ LAN connection
- ▶ Detection - high reliability PIR, auto pulse, auto dual edge, digital detector with a 110° beam spread
- ▶ HD 720p color recordings 1.4 mega pixel Image sensor with 1280 x 720 p HD video camera equipped with video auto gain control, white balance and auto exposure
- ▶ Three second audio / video pre-alarm
- ▶ Zero-lux vision using high power IR LEDs

Paradox PIR Lenses & Brackets

Security Alarms Catalogue | Atlas Gentech (NZ) Limited | www.atlasgentech.co.nz

00300

469 - SWIVEL MOUNT PIR BRACKET



- 3 in 1: ceiling, wall or corner mount bracket
- Ensures optimal coverage

00301

SB85 - HEAVY DUTY OUTDOOR SWIVEL BRACKET



- For use with the PMD85 and the DG85 outdoor digital PIRs
- Innovative T-joint allows for movement along 2 axes for better maneuverability and better detector positioning
- 3 in 1: ceiling, wall or corner mount bracket
- Cap lock prevents unauthorized repositioning of detector

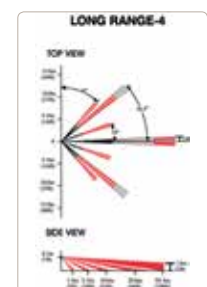
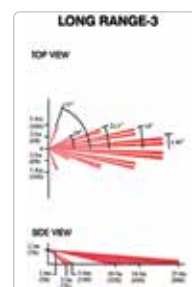
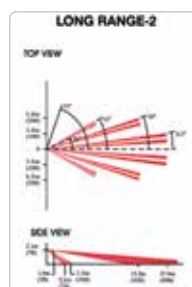
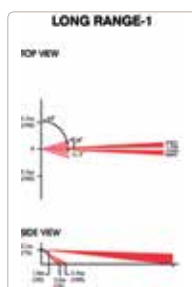
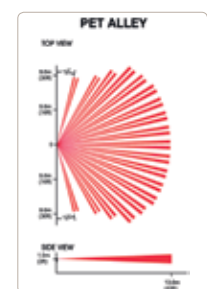
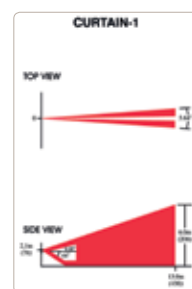
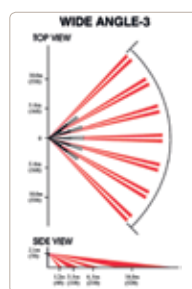
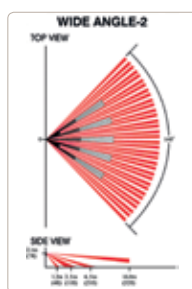
00255 - 00280

SB85 - HEAVY DUTY OUTDOOR SWIVEL BRACKET

All motion detectors come equipped with a 2nd generation LODIFF® lens by Fresnel Technologies Inc. The following beam patterns represent the optional lenses that are available for the Pro+ (476+), Digigard 55 (DG55), Digigard 65 (DG65), Digital Vision (525D), Digiplex Motion Detector Modules (DM50 and DM60) and Magellan (PMD1P) motion detectors. Distances shown may vary according to the selected motion detector; please verify the motion detector's specifications.

00255	Lens UV WA1
00257	Lens UV WA2
00258	Lens UV WA3
00265	Lens UV LR1
00266	Lens UV LR2

00267	Lens UV LR3
00268	Lens UV LR4
00275	Lens UV CU1
00280	Lens UV PE-1

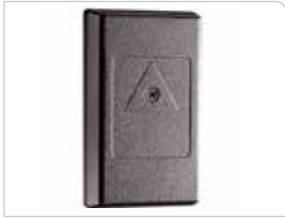


Paradox Seismic & GlassBreak Detectors

Security Alarms Catalogue | Atlas Gentech (NZ) Limited | www.atlasgentech.co.nz

05100

950 - SAFE PROTECTOR SEISMIC DETECTOR



- ▶ 3 in 1: ceiling, wall or corner mount bracket
- ▶ Ensures optimal coverage

05205

DG457 - GLASSBREAK BUS & RELAY ALARM DETECTOR



- ▶ Two operational modes (addressable for the Digiplex EVO series or conventional relay operation)
- ▶ Remote test mode when used with Test Trek V2
- ▶ Full audio and infrasonic spectrum analysis
- ▶ 7 frequency digital filters, digital amplifier gain and frequency fluctuation assessment
- ▶ Impact and shock wave analysis
- ▶ High-immunity to RFI and EMI signals
- ▶ Adjustable sensitivity: covers up to 9m (30ft) when set to high and up to 4.5m (15ft) when set to low
- ▶ TestTrek (459) used for testing available separately
- ▶ Anti-tamper switch

05210

TESTTREK - GLASSBREAK TESTER



- ▶ Two operational modes (addressable for the Digiplex EVO series or conventional relay operation)
- ▶ Remote test mode when used with Test Trek V2
- ▶ High-immunity to RFI and EMI signals
- ▶ Adjustable sensitivity: covers up to 9m (30ft) when set to high and up to 4.5m (15ft) when set to low

Fire, Heat & Smoke Detectors

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45190

SYSTEM SENSOR 2012J PHOTOELECTRIC SMOKE ALARM WITH HUSH BUTTON



- ▶ 12-24v DC operation
- ▶ HUSH feature
- ▶ Test push button
- ▶ One Form 'C' Relay
- ▶ Fully compliant with building code
- ▶ 85db sounder
- ▶ Easy clean chamber

45191

SYSTEM SENSOR 2151B COMMERCIAL PHOTOELECTRIC HEAD (NEEDS BASE 45192)



- ▶ Sleek, low-profile design
- ▶ Compatible with other 100 series models
- ▶ Two LEDs blink in standby, providing 360° visibility
- ▶ Broad range of adapter bases available with built-in shorting spring
- ▶ Magnetic test function
- ▶ Detector sensitivity testing via hand-held sensitivity reader

45192

SYSTEM SENSOR B401 2-WIRE LATCHING BASE (FOR 45191)



- ▶ Supports 2151B Head
- ▶ Connect to any 2-wire smoke circuit such as Digiplex EVO

45193

NB326-H-4AR RATE OF RISE HEAT DETECTOR



- ▶ 12v DC
- ▶ Auto reset

45194

FLUSH KIT FOR SMOKE DETECTORS



- ▶ Allows for all NB series smoke detectors to be recessed

45195

NB-326-4 LATCHING SMOKE DETECTOR



- ▶ Normally open/normally closed selectable relay
- ▶ 12v DC
- ▶ Remove power to reset
- ▶ Plug in base

Fire, Heat & Smoke Detectors

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45196

NB-326-4ARB PHOTOELECTRIC AUTO RESETTING SMOKE DETECTOR WITH BUZZER



- ▶ Normally open/normally close selectable relay
- ▶ 12v DC
- ▶ Auto resets when smoke clears
- ▶ Plug in base

45198

NB-326-SH-4-ARB AUTO RESET SMOKE DETECTOR WITH BUILT IN HEAT SENSOR



- ▶ Activates if either detection method detects smoke/heat
- ▶ Built in buzzer
- ▶ Auto resetting
- ▶ 12v DC
- ▶ Plug on base

05330

SECOR WSD01 SHOCK SENSOR - RELAY OUTPUT / MOMENTARY OR LATCHING



- ▶ Piezoelectric transducer is applied
- ▶ Wide range of sensitivity selection
- ▶ 9-16v DC
- ▶ Quiescent current 15mA, Alarm 18mA
- ▶ -10 to +55°C operating temperature
- ▶ 150mA 24v: 100Ohm resistor in series
- ▶ One or two pulse counting
- ▶ Size: (L) 21mm x (W) 26mm x (H) 87mm
- ▶ LED display on/off (red alarm)
- ▶ Latching or momentary
- ▶ Moisture repelling rubber grommet is included

45199 - 45210

AEROSOL SMOKE CAN



45199	Aerosol Smoke Can
45200	Fire Call Point
45202	Spare Glass for Manual Call Point
45210	Fire Call Point Sign

Point-to-Point Beams

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05398

SENSORPRO PRO-120P - 120M OUTDOOR / 240M INDOOR SELECTABLE FREQUENCIES



- ▶ Twin beams
- ▶ Easy beam alignment
- ▶ AGC (automatic gain control) circuit
- ▶ Fine angle adjustment for easy alignment
- ▶ N/C and N/O output

Reed Switches & Hold Up Buttons

Security Alarms Catalogue | Atlas Gentech (NZ) Limited | www.atlasgentech.co.nz

05500

USP BP30 - MINI CONTACT



- ▶ 25mm operating gap
- ▶ Normally closed configuration
- ▶ Remove power to reset
- ▶ Plug in base

05502

USP 90SP - MICRO CONTACT



- ▶ Ultra miniature size
- ▶ 12mm operating gap
- ▶ Normally closed configuration

05504

USP SP-1000 - PREMIER CONTACT



- ▶ Direct wire terminals or solder tab terminal options
- ▶ 32mm operating gap
- ▶ Normally closed configuration

05506

USP 400SP - LARGE COMMERCIAL CONTACT



- ▶ Surface mount with 50mm operating gap

05520

USP BP40 - FLUSH CONTACT



- ▶ 9.5mm press fit flush mount
- ▶ 19mm operating gap
- ▶ Normally closed configuration

05522

USP BP50 - FLUSH STUBBY CONTACT



- ▶ 12.7mm operating gap
- ▶ 9.5mm stubby press fit

Reed Switches & Hold Up Buttons

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05523

WSF41 - STEEL DOOR REED



- ▶ 19mm Steel Door Reed
- ▶ 35mm Gap
- ▶ Size: 33 (L) x 7 (W) x 13 (H) mm

05525 / 05526

PSW21 - TAMPER SWITCH



- ▶ Totally waterproof
- ▶ Ideal for external use
- ▶ Normally closed when plunger in

05525	PSW21 Tamper Switch - Normally Closed
05526	PSW21 Tamper Switch - Normally Open

05540

USP BP33A - ROLLER DOOR REED SWITCH



- ▶ Commercial roller door switch with mounting bracket
- ▶ 50mm operating gap
- ▶ Normally closed configuration

05600 / 01 / 02

SECURITRON MSS-1 - HIGH SECURITY REED



- ▶ Used to monitor the open/closed status of doors, windows, gates, machinery safety barriers or other moving assemblies
- ▶ False alarm reduction
- ▶ Versatile indoor-outdoor application
- ▶ Optional remote test feature

05600	Securitron MSS-1 High Security Reed
05601	Securitron MSS-1C Flush Mount High Security Reed
05602	Securitron MSS-1G High Security Reed - Gate Mount with Stainless Steel Cable Armour

05902 / 05904

USP HUB-2S - MOMENTARY HOLD UP BUTTON



- ▶ Wall or under desk mount
- ▶ Momentary operation
- ▶ Double pole double throw contact

05902	USP HUB-2S Momentary Hold Up Button - Wall or Under Desk Mount
05904	USP HUB-2A Latching Hold Up Button - Wall or Under Desk Mount

05905

WEB555 - KEY RESET HOLD UP BUTTON



- ▶ SPDT contacts
- ▶ Size: (L) 53mm x (W) 53mm x (H) 27mm
- ▶ Beige colour only

External Sounders

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40000

PC5 - POLYCARBONATE SELF PROTECTED EXTERNAL SIREN



- ▶ Self protected and battery back-up required
- ▶ 4k7 EOL resistor
- ▶ Silent startup
- ▶ Front and rear tampers
- ▶ Requires 12v 1.2ah battery
- ▶ Red or blue lamps

40010

PC7 - POLYCARBONATE TEAR DROP EXTERNAL SIREN



- ▶ Tear drop with non-battery back-up
- ▶ Connects direct to 12v DC bell output
- ▶ Lamp can be controlled separately
- ▶ 115dB dual piezo sounds
- ▶ High UV resistant polycarbonate housing
- ▶ Dual tampers front and back
- ▶ Flashing light

40015 / 40175

PC3 - POLYCARBONATE EXTERNAL SIREN



- ▶ Non-battery back-up
- ▶ Front and rear tampers
- ▶ Red or blue lamps
- ▶ Connects directly to the bell output of the control panel
- ▶ Fully potted PCB ensures long trouble free lifew

40015	PC3 Polycarbonate Siren and Flashing Light - Non-battery Back-up
40175	PC2 Spare Board for PC3 Siren

40020

SECOR WP06 - MINI EXTERNAL SIREN/STROBE



- ▶ High quality siren and long-life continuous rated Xenon tube built-in
- ▶ 12v DC
- ▶ 130mA siren current
- ▶ 110mA strobe current
- ▶ High quality UK stabilized case
- ▶ Weatherproof
- ▶ Front and back tampers
- ▶ Size: 202 (L) x 112 (W) x 70 (H) mm

40100

SM1 - COMMERCIAL MILD STEEL SATELLITE SIREN



- ▶ Mild steel, double skinned
- ▶ 10 minute siren time out, standard 4K7 e.o.l. to negative
- ▶ Front and back weather proof tampers
- ▶ Optional red or blue lights
- ▶ Strobe light for independent light operation

40170 / 40175

SM2 - SPARE PCB FOR SATELLITE SIRENS



- ▶ For SM1/SM3/SM5 /PC5

40170	SM2 Spare PCB for Satellite Sirens
40175	PC2 Spare Board for PC3 Siren, Potted Expoy Resin

External Sounders

Security Alarms Catalogue | Atlas Gentech (NZ) Limited | www.atlasgentech.co.nz

40235

RURAL BLASTER - 30 WATT SIREN 12V DC 4 AMP CURRENT DRAW



- ▶ 30 Watt, 12v DC
- ▶ 4 amp current draw

- ▶ Three wire dual tone
- ▶ Size: (W) 200mm x (L) 235mm x (H) 188mm

guaranteed payment **within 48 hours**

Simply Leasing
technology when you need it!

Internal Sirens

Security Alarms Catalogue | Atlas Gentech (NZ) Limited | www.atlasgentech.co.nz

40200

PI-100 - TOP HAT PIEZO 115DB



- ▶ 115dB
- ▶ 12v DC
- ▶ 200mA
- ▶ Surface mount

40210

PI-102 - DUAL TONE PIEZO 120DB



- ▶ 120dB
- ▶ 12v DC
- ▶ 1300mA
- ▶ Surface mount

40220

PS219 - PARADOX PIEZO SURFACE MOUNT 120DB



- ▶ 120dB
- ▶ 12v DC
- ▶ 250mA
- ▶ Surface mount

40222

PS219 - PARADOX FLUSH RING PIEZO 120DB



- ▶ 120dB
- ▶ 12v DC
- ▶ 250mA
- ▶ Flush mount

40224

PS219 - PARADOX FLUSH PLATE PIEZO 120DB



- ▶ 120dB
- ▶ 12v DC
- ▶ 250mA
- ▶ Flush mount

40230

LD92 - PIEZO WITH FLASHING LIGHTS 120DB SURFACE MOUNT (BLUE)



- ▶ 120dB
- ▶ 12v DC
- ▶ 280mA
- ▶ Surface mount
- ▶ Integrated flashing lights

Internal Sirens

Security Alarms Catalogue | Atlas Gentech (NZ) Limited | www.atlasgentech.co.nz

40230R

LD92 - PIEZO WITH FLASHING LIGHTS 120DB SURFACE MOUNT (RED)



- ▶ 120dB
- ▶ 12v DC
- ▶ 280mA
- ▶ Surface mount
- ▶ Integrated flashing lights

40231

WP95 - MINI INDOOR COMBO SIREN/STROBE



- ▶ High quality siren and blue strobe built-in
- ▶ 12v DC
- ▶ Aesthetic appeal
- ▶ Size: (L) 122mm x (W) 73mm x (H) 45mm

40233

WP15-B - FLUSH MOUNT BUZZER - BLUE LED LIGHT



- ▶ 4-in-1: siren, buzzer, LED strobe and steady
- ▶ Standard GPO back plate; also can be fit in a standard mounting block (35mm)
- ▶ Siren and strobe - alarm
- ▶ LED steady - arm/disarm status
- ▶ Buzzer - other events
- ▶ LED colour - blue WP15B (standard) or red (part number WP15R)
- ▶ Selectable siren and buzzer loudness level

40250

WH35 - 8 OHM HORN SURFACE MOUNT SPEAKER



- ▶ 10 Watt
- ▶ 8Ohm speaker

40252

WHITE 8 OHM FLUSH MOUNT SPEAKER



- ▶ 15 Watt
- ▶ 8Ohm



INNER RANGE SYSTEM - INTEGRITI:

- ▶ Configuration Table & Compatibility Chart
- ▶ Deployment Architecture
- ▶ Control Modules
- ▶ Smart Card Licensing
- ▶ Professional Software Licensing
- ▶ Professional Software Suite
- ▶ Commissioning Software & Mobile License
- ▶ LAN Modules
- ▶ Unibus Modules
- ▶ Access Control Modules
- ▶ Input / Output Expansion
- ▶ Terminals
- ▶ Other LAN Modules
- ▶ Miscellaneous Equipment
- ▶ Enclosure Options
- ▶ Power Supplies Accessories



Integriti Security Management Solution

The Integriti Security Management System is an IP connected access control and intruder detection security system intended for centralized security management of systems operating at a single site or multiple sites across the country or across the globe.

Features:

- ▶ Simple management of all your access control and security administration at a single site, or centrally manage multiple locations - all directly from your desk
- ▶ Unprecedented scale and flexibility for user access permissions
- ▶ Unrivalled end user software simplicity with access control administration
- ▶ Smartphone applications that enables system management when mobile
- ▶ Gigabytes of memory at hardware level ensures that your access control system maintains complete system functionality if offline
- ▶ Incredible forensic Audit Trail tracks all software changes
- ▶ Seamless IP based Multi-Controller system architecture options
- ▶ Simplified software set up with Auto Discovery of system hardware
- ▶ Ethernet port, USB master and slave ports on-board for all Controllers
- ▶ Modern Hardware design including Powerful ARM processors
- ▶ Backwardly compatible with Concept LAN modules
- ▶ Upgrade firmware in Controllers and new Integriti LAN modules remotely over the wire
- ▶ Easy plug and play in-cabinet UniBus for adding expansion and functionality
- ▶ Amazing, powerful Scripted Logic capability
- ▶ A true Enterprise solution delivering 1000's of controllers, doors and zones

Configuration Table & Compatibility Chart

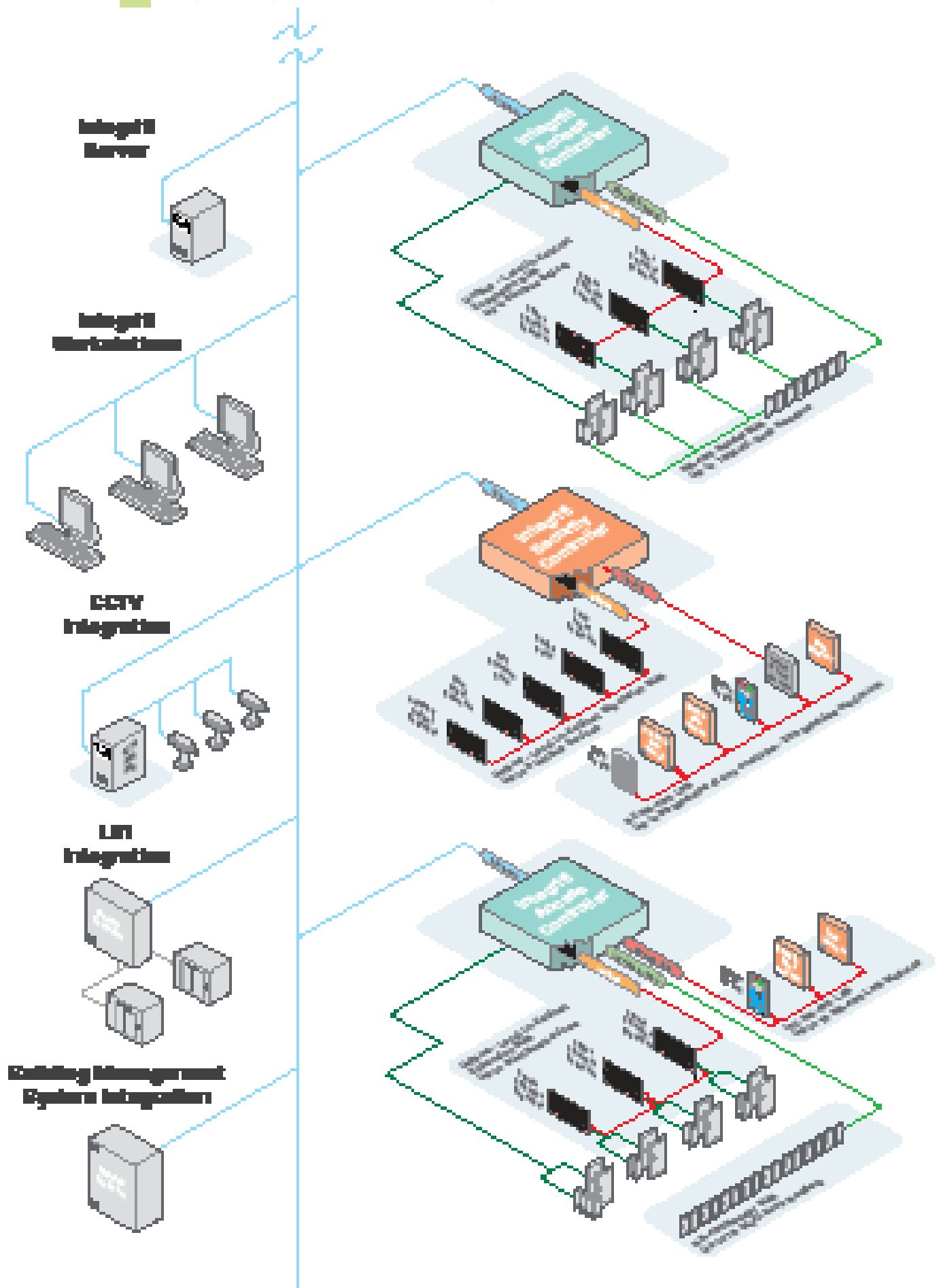
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INTEGRITI CONFIGURATION TABLE				ONBOARD			UNIBUS			
Modules	Zones	Outputs	Doors	8 Zone Expander	8 Relay Expander	2 Door Expander	2 Port Serial			
Integriti Security Controller	16	2	0	2	4	0	0			
LAN 8 Zone Expander	8	2	0	3	4	0	0			
LAN 2 Door Intelligent Access Module (ILAM)	8	8	2	0	0	3	0			
UniBus 8 Zone Expander	8	0	0							
UniBus 8 Relay Expander	0	8	0							
UniBus 2 Door Expander	8	8	2							
UniBus 2 Port Serial Interface	8	0	0							

CONCEPT COMPATIBILITY CHART		
Concept LAN Modules	Integriti Compatible	Notes
Elite Terminal	Yes	End user control supported, standard system programming supported. Advance system programming such as macros is not supported
Concept Prisma Keypad	Yes	Requires factory firmware upgrade
Concept Touch Screen	No	Concept Touch Screens are not currently compatible, but future releases of the Integriti controller may support the Concept Touch Screen pending market demand
Concept Weatherproof Terminal	Yes	
Concept Terminal Emulator	Yes	
Universal Expander	Yes	
Mini Expander	Yes	V6.0 or newer firmware required
RF Zone Expander for Paradox & Visonics	Yes	
2 Door Access Module	Yes	
1 Door Access Module	Yes	
Intelligent Two & Four Door Access Modules	Yes	Concept Intelligent Access Modules can be used in Integriti compatibility mode with a firmware update. Compatibility mode has limited offline functionality
Concept Analogue Module	Yes	
Concept LAN over Ethernet Module (CLOE)	Yes	V5.20 or newer firmware required
Fibre Modem	Yes	
LAN Isolator	Yes	
Multipath IP Fields STU	Yes	The Integriti ISC Controller has a dedicated Multipath IP interface on board
Concept LAN Power Supply	Yes	

Deployment Architecture

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Control Modules

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21000 - 21003



INTEGRITI - SECURITY CONTROLLER (ISC)

- ▶ IP based multi-controller system architecture options
- ▶ Ultra high speed propriety operating system
- ▶ Ethernet on-board
- ▶ 64 MB RAM
- ▶ 2GB Micro SD on-board
- ▶ USB master & slave ports
- ▶ Web server & Web based administration
- ▶ RS485 multi-drop sub LAN (Up to 1.5 Kilometers)
- ▶ Backwardly compatible with Concept LAN modules
- ▶ Upgrade firmware in controllers and new LAN modules via USB or remotely over the wire
- ▶ Easy 'plug & play' in-cabinet UniBus for adding expansion and functionality
- ▶ 16 Zone inputs on-board (expandable to 32)
- ▶ 2 Auxiliary outputs (relays - expandable to 32)
- ▶ Built in power supply
- ▶ PSTN telephone dialler on-board
- ▶ Internal & external siren drivers on-board
- ▶ Dedicated watchdog output

21000	Integriti Security Controller (ISC) - (16D, 200U, 100Z, 10,000E)
21000P	Integriti Security Controller - PCB only
21001	Integriti Security Controller (ISC) - Standard Cabinet
21002	Integriti Security Controller (ISC) - Large Cabinet
21003	Integriti Security Controller (ISC) - Mega Cabinet

21010 - 21018



INTEGRITI - ACCESS CONTROLLER (IAC)

- ▶ RJ45 - 10/100 Ethernet Port
- ▶ RS-485 Sub-LAN
- ▶ USB Master & Slave Ports
- ▶ UniBus In-Cabinet Expansion Interface
- ▶ Multipath-IP / GSM STU Port (Port Zero RS-232)
- ▶ Dedicated Watch Dog Output
- ▶ Dedicated Tamper Input
- ▶ Internal & External Siren Outputs
- ▶ 32 Bit ARM CPU with Real Time Clock
- ▶ 64 MB RAM
- ▶ 2 GB Micro SD Memory
- ▶ Smart Card Slot (Smart cards are used for setting system dimensions)
- ▶ Firmware Upgrade via USB, LAN or Software
- ▶ Auxiliary Outputs - Expandable to 16 via UniBus
- ▶ Doors - Expandable to 140 via RS-485 Sub-LAN
- ▶ Readers - Expandable to 80
- ▶ On board Users - Expandable to 100,000
- ▶ On board Review Events - Expandable to 100,000
- ▶ Ports - RS-232 / RS-485 Serial Ports - Expandable to 8 with UniBus UART
- ▶ Full security / Intruder Alarm functionality
- ▶ Complete range of Access Control functionality
- ▶ Comprehensive Building Automation support
- ▶ Fully monitored LAN status, cabinet tamper, door status and communications problems on all modules where applicable
- ▶ On board diagnostic LED's to assist with commissioning and troubleshooting

21010P	Integriti - Access Controller (IAC) - PCB only - 24D, 65,000U, 512Z, 100,000E
21010	Integriti - Access Controller (IAC) - Battery Leads - Standoffs
21011	Integriti - Access Controller (IAC) - Standard Cabinet - 2A PSU
21012	Integriti - Access Controller (IAC) - Standard Cabinet - 3A Smart PSU
21013	Integriti - Access Controller (IAC) - Large Cabinet - 2A PSU
21014	Integriti - Access Controller (IAC) - Large Cabinet - 3A Smart PSU
21015	Integriti - Access Controller (IAC) - Mega Cabinet - 2A PSU
21016	Integriti - Access Controller (IAC) - Mega Cabinet - 3A Smart PSU
21017	Integriti - Access Controller (IAC) - Mega Cabinet - 8A Smart PSU
21018	Integriti - Access Controller (IAC) - Large Cabinet - 8A Smart PSU

Smart Card Licensing

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21050 - 21079

INTEGRITI - SMART CARD LICENSING



21050	Integrity - Smart Card - Level 0 - Blank
21051	Integrity - Smart Card - Level 1 - 40D, 2,000U, 200Z, 20,000E
21052	Integrity - Smart Card - Level 2 - 80D, 10,000U, 600Z, 30,000E
21053	Integrity - Smart Card - Level 3 - 160D, 65,000U, 2,000Z, 60,000E
21054	Integrity - Smart Card - Level 4 - 240D, 100,000U, 3,000Z, 100,000E
21060	Integrity - Smart Card - Level 0 to 1 Upgrade
21061	Integrity - Smart Card - Level 1 to 2 Upgrade
21062	Integrity - Smart Card - Level 1 to 3 Upgrade
21063	Integrity - Smart Card - Level 1 to 4 Upgrade
21064	Integrity - Smart Card - Level 2 to 3 Upgrade
21065	Integrity - Smart Card - Level 2 to 4 Upgrade
21066	Integrity - Smart Card - Level 3 to 4 Upgrade
21069	Integrity - Smart Card - 5 User iPhone/iPad Interface
21070	Integrity - Smart Card - HUI - Building Management System
21071	Integrity - Smart Card - HUI - Elevator Management System
21072	Integrity - Smart Card - HUI - Salto Sallis Door License (Per Door)
21073	Integrity - Smart Card - HUI - High Security Fence
21074	Integrity - Smart Card - HUI - Cbus Lighting Integration
21075	Integrity - Smart Card - HUI - Bacnet/IP, Modbus, KNX
21076	Integrity - Smart Card - Virtual Expander Modules (Per Module)
21077	Integrity - Smart Card - Allow CS Remote Connection - 12 Month Subscription
21078	Integrity - Smart Card - Advanced Peer To Peer Functionality
21079	Integrity - Smart Card - IAC Expanded Mode (40D, 100,000U, 512Z, 100,000E)

Professional Software Licensing

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21500 - 21595



INTEGRITI - PROFESSIONAL LICENSING

21501	Integrati - Software - Express - Fixed at 1 Controller - 1 Client - 16 Doors
21505	Integrati - Software - Express to Professional Upgrade
21500	Integrati - Software - Professional - 1 Controller - 1 Client - 16 Doors
21509	Integrati - Software - Allow RDP Remote Connections
21510	Integrati - Software - Extra Client - Fixed
21515	Integrati - Software - Extra Client - Floating
21520	Integrati - Software - Extra Panel
21525	Integrati - Software - CCTV (32 Cameras)
21530	Integrati - Software - CCTV Extra 8 Cameras
21535	Integrati - Software - Communicator
21540	Integrati - Software - Extra Door Permissions
21545	Integrati - Software - 3rd Party Interface - Read
21550	Integrati - Software - 3rd Party Interface - Write
21555	Integrati - Software - 3rd Party Interface - Control
21560	Integrati - Software - Photo ID
21565	Integrati - Software - Advanced Reports
21570	Integrati - Software - User Qualifications
21575	Integrati - Software - Advanced Alert
21576	Integrati - Software - Smartphone Server Interface
21580	Integrati - Software - Direct User Import Module (DUIM)
21584	Integrati - Software - Event Review I/O
21585	Integrati - Software - Intercom Integration
21594	Integrati - Software - Active Directory Integration - Users
21595	Integrati - Software - Active Directory Integration - Operators

Professional Software Suite

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21501 / 05

INTEGRITI - EXPRESS



Integriti Express is an inexpensive software solution for Small and Medium Business's (SMB)s. The Express application is based on and derived from the powerful Integriti Professional Software which is the full featured commercial software application normally deployed for end users to manage a larger or more demanding Integriti System. The look and general performance of the Express application is indicative of what can be expected from the Professional version however its functionality is tailored to a subset of features commensurate with what is required to perform management of small to medium installations.

- ▶ 1 Control panel
- ▶ 1 Client work station
- ▶ 16 Doors

Just like its big brother Integriti Professional, the Express software incorporates a sub application known as Gatekeeper which is essentially a tailored yet controlled simple user interface to allow all end user tasks such as assigning user permissions and arming and disarming areas. This is a separated window into the system as distinct from the installer focused, System Designer application and shields end users from exposure to the complexity of installer programming functionality.

*Note: Licensed modules available with Integriti Professional are not available with Integriti Express.
The Client and Server Application must reside on the same workstation.*

21501	Integriti - Software - Express - Fixed at 1 Controller - 1 Client - 16 Doors
21505	Integriti - Software - Express to Professional Upgrade

21500

INTEGRITI - PROFESSIONAL



The Integriti System Management Software Suite is a true enterprise class solution, designed from the ground up for the internet age. Leveraging the very latest platforms and technologies, Integriti software is a world-class product that packages guaranteed reliability, scalability and performance.

- ▶ Flexible user permission programming
- ▶ Easily manage small or large systems
- ▶ Customised views and layouts on a per operator basis
- ▶ 32 or 64 bit cluster aware application
- ▶ Supports virtual computing environments
- ▶ Forensic audit trail times-stamps every programming change made in the system
- ▶ Changes can be rolled-back and re-created as they were at any time in the past
- ▶ Streamlined system commissioning
- ▶ Powerful new script based macro logic provides simple solutions for sophisticated problems
- ▶ Input and output analogue values can be passed around the system and incorporated into any of the macro logic processes
- ▶ High level CCTV integration
- ▶ GateKeeper is a sub application which is essentially a tailored yet controlled simple user interface to allow all end user tasks such as assigning user permissions and arming and disarming areas. This is a separated window into the system as distinct from the installer focused, System Designer application and shields end users from exposure to the complexity of installer programming functionality
- ▶ Schematics allow operators to monitor status and control entities via an intuitive interface based around graphical floor plans, site maps and mimic panels. Special items can be placed on each diagram that indicate the status of various entities such as inputs, areas and auxiliaries in real time
- ▶ - Import site plans
- Navigate between maps/diagrams
- Add entities to maps/diagrams
- Monitor site activity in real time
- View and acknowledge alarms
- Control items
- View video from associated CCTV sources

Professional Software Suite

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21525 / 30

INTEGRITI - CCTV MODULE



Allows security personnel to use video verification for confirmation of alarm and other events as they occur within the IntegrITI Security System.

- ▶▶ The CCTV interface is available on any IntegrITI workstation
- ▶▶ Provides operators with the means to verify virtually any access control, security or other alarm event in an instant
- ▶▶ Allows alarm or access control events to be associated with a particular camera, this gives operators the ability to locate an historical event in the system event log, click on it and instantaneously playback the associated video recording
- ▶▶ Greater use of video integration is also made possible with the ability to drag & drop camera's and pre-set camera PTZ locations directly onto Schematic maps and floor plans

21525 IntegrITI - Software - CCTV (32 Cameras)

21530 IntegrITI - Software - CCTV Extra 8 Cameras

21535

INTEGRITI - COMMUNICATOR MODULE



Individuals and groups can receive pager, SMS and email messages that are automatically sent in response to IntegrITI Professional Review events.

- ▶ Messages can be prioritised, applied to a particular template and sent based on rules. Simple text matching and/or regular expressions can be used. For example, Review events containing the word, 'warehouse' may only be sent to the Warehouse Manager and the Duty Guards. Whereas Review events containing the word, 'fire' might be sent to All Managers and the Duty Guards and so forth
- ▶ Templates can determine whether a message is sent to a pager, SMS or by email, the local serial port, or any combination of these media, as well as set the format and content of this message for each medium
- ▶ Details can be tailored to each recipient. A Recipient can be a person or a device such as a pager or a computer. For each recipient, the operator can configure which messages are received, how they are received (SMS, pager, email) and when they are received
- ▶ Fully customisable Schedules can be created and used to control when messages are received. For instance, emails for a given recipient might be set to be received at all hours, as messages occur, whereas pager or SMS messages for the recipient might be limited to certain hours of the day
- ▶ IntegrITI Professional Communicator can also be used to send, 'one-off', Custom Messages where required

21560

INTEGRITI - PHOTO ID MODULE



Allows the designing and printing of access control cards.

- ▶ Design, edit and print Photo ID cards
- ▶ Double sided portrait and landscape designs
- ▶ Configurable template size to suit cards, labels or most other media
- ▶ Supports placement and editing of images, labels, barcodes and drawing tools
- ▶ Create and assign multiple card templates
- ▶ Auto-populate fields from User Database

21565

INTEGRITI - PHOTO ID MODULE

Adds extra reporting functionality to IntegrITI Professional.

Inner Range IntegrITI Muster Report			
A1	AG AUCKLAND	AG AUCKLAND	AG AUCKLAND
Address	Name	In Muster	Area
U3	Ian Niseno	False	
U8	Basil Sykes	False	
U10	Chris Fox	False	
U11	Clara McKone-Alan	False	
U12	Kristin Haffland	False	
U13	Sarah Ramsay	False	
U15	James McEwen	False	
U17	James Gibson	False	
U22	Karina Tiro	False	
U24	Ronnie Fletcher	False	
U26	Mark Wallis	False	
U29	Mike Riley	False	
U31	Peter Stephenson	False	
U35	Rob Andrews	False	

- ▶ Create custom reports with IntegrITI Report Designer
- ▶ 15 predefined sample reports are provided including Time on Site and Muster Reports
- ▶ Flexible report generator: full customisation and formatting control
- ▶ Pivoting, grouping and aggregating of data
- ▶ Import charts, images, maps and logos
- ▶ Output reports in a variety of formats including: PDF, CSV, XML, HTML, JPEG and more

21570

INTEGRITI - USER QUALIFICATIONS MODULE



Adds an extra level of permissions based on qualification(s) a user has.

- ▶ Expiry of a User's Qualification automatically changes the User's access permissions
- ▶ Qualification can be based upon an expiry date or a decrementing credit or count
- ▶ Manage use of car parks, vending machines, photocopiers etc. through decrementing credits
- ▶ Transactions of various amounts may be deducted
- ▶ Send text or e-mail reminders to Users that their qualification or credit is about to expire
- ▶ Update multiple User Qualifications or Credits simultaneously

21575

INTEGRITI - ADVANCED ALERTS



Professional incorporates a powerful Alarm Handler module providing an extremely cost effective solution for in-house monitoring of security and access alarm events, incorporating alarm escalation.

- ▶ Custom alarm events
- ▶ Alarm events can be categorised as critical, high, medium or low importance. Operator permissions may be implemented to determine which levels of alarm a particular operator type can see or acknowledge
- ▶ Customisable alarm procedures. Alarm procedures are procedural notes that guide operators through the process of investigating and managing an alarm
- ▶ Operator response processing including system-wide acknowledgement
- ▶ Customisable acknowledgement window and message text
- ▶ Multiple possible actions: Alarm events can also be programmed to trigger other actions. For example, opening Review, displaying a specific schematic floor plan, displaying a user's photo and employee information as well as playing a computer sound file (.wav)
- ▶ All alarm event actions and the operator's written responses are recorded to Review. This information may be extracted at any later stage in the form of a filtered text file or HTML report
- ▶ Alarm Handler may also be used for the notification of other non-critical events such as when a particular employee has been granted access through a particular
- ▶ Random selection of Users for Drug and/or Alcohol testing
- ▶ User Photo pop-up to identify selected Users
- ▶ Allows Operator Intervention to 'Allow' or 'Deny' Access
- ▶ Configurable response screen can present the Operator with images instructions and 'Allow' and 'Deny' buttons
- ▶ Automatically carry out a range of actions when a User is stopped or selected
- ▶ Easy to configure

21580

INTEGRITI - DYNAMIC USER IMPORT MODULE



The Dynamic User Import Module enables automatic user programming of an IntegrITI control module. It is designed for installations where the access-enabled user base changes frequently, like in hotels, clubs, fitness centres, etc.

- ▶ The DUIM module runs as a service on the IntegrITI Professional server machine and picks up files with the updated user information
- ▶ These files can be output files from a third party system, and so the update of the user base can run fully automatically
- ▶ Can be applied to commercial and industrial applications with its ability to take output from other ERP/HR Systems and update user programming

Commissioning Software & Mobile License

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INTEGRITI CS



INTEGRITI CS - COMMISSIONING SOFTWARE

- ▶ Integriti CS is a software application designed to be used by Installation Technicians when they are installing and commissioning Inner Range systems running Integriti ISC controllers
- ▶ The Integriti CS application is based on and derived from the powerful Integriti Professional Software which is the commercial software application that is sold to, and used by, end users to manage an Integriti System
- ▶ The look and general performance of the CS application is indicative of what can be expected from the Professional version however its functionality is limited to a subset of features commensurate with what is required to commission an average installation
- ▶ CS can also be used to bench program hardware prior to its deployment on site and to train and familiarise technicians with general Integriti programming techniques
- ▶ Remote connectivity is not supported if a controller has a smart card of level 1 or above

21069



INTEGRITI SMART CARD - 5 USER IPHONE / IPAD / ANDROID LICENSE

The Integriti Mobile App packs a powerful punch of accessibility and control for your Integriti security and access control system. With the tap of a finger, this exciting new App allows remote operation of your Integriti system from anywhere in the world! Integriti Mobile connects to a suitably licensed Inner Range Integriti Controller. Designed with ease of use in mind and focusing on intuitive navigation and a rich graphical interface, its never been so easy to remotely monitor and control your Integriti system.

- ▶ Monitoring and control of areas, doors, inputs, auxiliaries and automated tasks
- ▶ Create home page widgets for fast access to common tasks
- ▶ Built-in widget icons
- ▶ Widgets have single press toggle and double press control screens
- ▶ Creation of background maps with icon overlays
- ▶ Advanced timing control of doors and auxiliaries
- ▶ Add background images for both Portrait & Landscape modes with ease using the camera or camera Roll

Integriti Mobile supports multiple App operators - share the same iPhone or iPad amongst friends and colleagues with individual logins to display personalized maps, Widgets and settings. Furthermore, sophisticated security measures ensure that an App operator must also exist in the Controller they wish to connect to. App operators can only view entities according to the permissions of the matching user in the Controller. The end result is a state of the art secure and flexible solution for remote control. Whatever your schedule, the Integriti mobile app empowers you to take charge of your security system wherever you are, with convenient system control at your fingertips.

Compatibility:

- ▶ iPhone 3GS
- ▶ iPhone 4
- ▶ iPhone 4S
- ▶ iPhone 5
- ▶ iPod touch (3rd generation)
- ▶ iPod touch (4th generation)
- ▶ iPod touch (5th generation)
- ▶ iPad 1, 2 & 3
- ▶ Requires iOS 5.1 or later
- ▶ This app is optimized for iPhone 5
- ▶ Modes with ease using the camera or camera roll

LAN Modules

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21100

INTEGRITI TERMINAL - PRISMA WHITE



- ▶ Contemporary slimline surface mount design
- ▶ Full colour LCD backlit screen
- ▶ Large – easy to read text
- ▶ Simultaneously display system diary & alarm events
- ▶ Icon & scroll wheel navigation system
- ▶ Function keys for quick item selection
- ▶ Scrollable display for menus and lists
- ▶ Light sensitive auto dimming LCD backlight
- ▶ Variable colour RGB keypad backlight
- ▶ Logged off temperature display
- ▶ 8 LED indicators for area status display
- ▶ 8-bit digital sound tones
- ▶ Instant help text available anytime, at the press of a key
- ▶ Programmable panic key and duress option
- ▶ Black model also available

21120 - 21128

INTEGRITI LAN - 8 ZONE EXPANDER



- ▶ RS-485 LAN connectivity
- ▶ Support for Multistate EOL zones (8 x states)
- ▶ Every zone can be programmed as an analogue zone
- ▶ On board siren drivers (8 x Tones)
- ▶ UniBus in-cabinet expansion interface
- ▶ External Integrیتی power supply connection
- ▶ Full monitoring of external Integrیتی power supply
- ▶ Dedicated cabinet tamper input
- ▶ Remote firmware upgrade over-the-wire
- ▶ Expansion options
- ▶ Expandable to 32 inputs and 32 outputs via UniBus Expansion

21120	Integrیتی - LAN - 8 Zone Expander - PCB
21121	Integrیتی - LAN - 8 Zone Expander - Standard Cabinet - 2A PSU
21124	Integrیتی - LAN - 8 Zone Expander - Standard Cabinet - 3A Smart PSU
21122	Integrیتی - LAN - 8 Zone Expander - Large Cabinet - 2A PSU
21125	Integrیتی - LAN - 8 Zone Expander - Large Cabinet - 3A Smart PSU
21123	Integrیتی - LAN - 8 Zone Expander - Mega Cabinet - 2A PSU
21126	Integrیتی - LAN - 8 Zone Expander - Mega Cabinet - 3A Smart PSU
21127	Integrیتی - LAN - 8 Zone Expander - Mega Cabinet - 8A Smart PSU
21128	Integrیتی - LAN - 8 Zone Expander - Large Cabinet - 8A Smart PSU

21140 - 21148

INTEGRITI LAN - STANDARD LAN ACCESS MODULE (SLAM)



- ▶ Offline 2,000 user card cache
- ▶ RS-485 reader connectivity
- ▶ Entry and exit readers for both doors when using
- ▶ Inner Range SIFER readers
- ▶ Reader options to control Doors, Lifts, Areas and Terminal User Logon
- ▶ Supports 2 Wiegand card readers up to 88bits
- ▶ Wiegand reader outputs with individual self-resetting over current protection
- ▶ Dedicated lock power input
- ▶ External Integrیتی power supply connection
- ▶ Full monitoring of external Integrیتی SMART power supply
- ▶ Heavy duty lock relays
- ▶ Reader Valid & Invalid outputs
- ▶ Door reed & tongue sense inputs per door
- ▶ Door request to enter & exit inputs per door
- ▶ DOTL relay outputs per door
- ▶ Dedicated cabinet tamper input
- ▶ RS-485 LAN connectivity
- ▶ Over-The-Wire firmware upgradeable
- ▶ Small PCB size 200 x 95mm

21140	Integrیتی - LAN - Standard LAN Access Module (SLAM) - PCB only
21141	Integrیتی - LAN - Standard LAN Access Module (SLAM) - Standard Cabinet - 2A PSU
21142	Integrیتی - LAN - Standard LAN Access Module (SLAM) - Standard Cabinet - 3A Smart PSU
21143	Integrیتی - LAN - Standard LAN Access Module (SLAM) - Large Cabinet - 2A PSU
21144	Integrیتی - LAN - Standard LAN Access Module (SLAM) - Large Cabinet - 3A Smart PSU
21145	Integrیتی - LAN - Standard LAN Access Module (SLAM) - Mega Cabinet - 2A PSU
21146	Integrیتی - LAN - Standard LAN Access Module (SLAM) - Mega Cabinet - 3A Smart PSU
21147	Integrیتی - LAN - Standard LAN Access Module (SLAM) - Mega Cabinet - 8A Smart PSU
21148	Integrیتی - LAN - Standard LAN Access Module (SLAM) - Large Cabinet - 8A Smart PSU

LAN Modules

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21150 - 21158

INTEGRITI LAN - INTELLIGENT LAN ACCESS MODULE (ILAM)



- ▶ RS-485 LAN connectivity
- ▶ Reader options to control doors, lifts, areas and user logon
- ▶ Reader outputs with individual self-resetting over current protection
- ▶ UniBus in-cabinet expansion interface
- ▶ Dedicated lock power input
- ▶ Heavy duty lock relays
- ▶ Door reed & tongue sense inputs per door
- ▶ Door request to enter & exit inputs per door
- ▶ DOTL relay outputs per door
- ▶ Dedicated cabinet tamper input
- ▶ Remote firmware upgrade over-the-wire
- ▶ Expandable to 8 doors (2 doors on board)
- ▶ Expandable to 8 Wiegand readers (2 readers on board)
- ▶ Salto Sallis integration - up to 8 doors via dedicated RS-485 reader port
- ▶ Offline intelligence provided for all Wiegand readers and standard lock outputs
- ▶ Offline access control database for 100,000 users
- ▶ Offline time periods
- ▶ Offline event database of 100,000 events

21150	Integriti - LAN - Intelligent LAN Access Module (ILAM) - PCB Only
21151	Integriti - LAN - Intelligent LAN Access Module (ILAM) - Standard Cabinet - 2A PSU
21154	Integriti - LAN - Intelligent LAN Access Module (ILAM) - Standard Cabinet - 3A Smart PSU
21152	Integriti - LAN - Intelligent LAN Access Module (ILAM) - Large Cabinet - 2A PSU
21155	Integriti - LAN - Intelligent LAN Access Module (ILAM) - Large Cabinet - 3A Smart PSU
21153	Integriti - LAN - Intelligent LAN Access Module (ILAM) - Mega Cabinet - 2A PSU
21156	Integriti - LAN - Intelligent LAN Access Module (ILAM) - Mega Cabinet - 3A Smart PSU
21157	Integriti - LAN - Intelligent LAN Access Module (ILAM) - Mega Cabinet - 8A Smart PSU
21158	Integriti - LAN - Intelligent LAN Access Module (ILAM) - Large Cabinet - 8A Smart PSU

Unibus Modules

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21200

INTEGRITI UNIBUS - 8 ZONE EXPANDER



- ▶ 8 Universal zone inputs
- ▶ Support for Multistate EOL zones (8 states)
- ▶ Support for counter type inputs
- ▶ Programmable de-bounce times
- ▶ DIP switch addressable first zone 1, 9, 17 or 25
- ▶ UniBus loop-through connectors
- ▶ 4 Way DET+ 13.75v outputs
- ▶ 2 LED status/fault indicators
- ▶ Surge protected inputs
- ▶ Over-The-Wire firmware upgradable
- ▶ Integriti 'C' size footprint 94 x 94mm

21211

INTEGRITI UNIBUS - 8 WAY RELAY EXPANDER (1A @ 24V DC)



- ▶ 8 Universal relay outputs
- ▶ Normally open or normally closed outputs per relay
- ▶ DIP switch addressable first Auxiliary (Relay) 1, 9, 17 or 25
- ▶ UniBus loop-through connectors
- ▶ 2 LED status/fault indicators
- ▶ Over-the-wire firmware upgradable
- ▶ Integriti 'C' size footprint 94 x 94mm

21215

INTEGRITI UNIBUS - 16 FLOOR LIFT INTERFACE EXPANDER



- ▶ Low level with button feedback UniBus connectivity
- ▶ Compatible with a range of Integriti host modules
- ▶ Manage 16 floors per device
- ▶ Connect up to 6 devices per Integriti host module
- ▶ Wide range of button input voltages
- ▶ Button sense input per floor
- ▶ Override input to allow free access mode
- ▶ Isolation between lift and Integriti system
- ▶ Firmware upgrade over-the-wire

21220

INTEGRITI UNIBUS - 2 DOOR EXPANDER



- ▶ Provides an additional 2 doors/2 readers for host module
- ▶ UniBus connectivity to host module
- ▶ Reader options to control doors, lifts, areas & user logon
- ▶ Supports Wiegand card readers up to 88-bits
- ▶ Reader outputs with individual self-resetting over current protection
- ▶ UniBus loop-through connectors
- ▶ LED status & fault indicators
- ▶ Dedicated lock power input
- ▶ Heavy duty lock relays
- ▶ Reader valid & invalid outputs
- ▶ Door reed & tongue sense inputs per door
- ▶ Door request to enter & exit inputs per door
- ▶ DOTL relay outputs per door
- ▶ Integriti 'B' size footprint 200 x 94mm
- ▶ Remote firmware upgrade over-the-wire

21230

INTEGRITI UNIBUS - 2 PORT SERIAL INTERFACE



- ▶ Software configurable UART ports
 - Channel 1 - RS-232 modem/RS-485 port
 - Channel 2 - RS-232 comm/RS-485 port
- ▶ DIP switch addressable module number 1, 2, 3 or 4
- ▶ DIP switch selectable CH1/CH2 mode, RS-232 or RS-485
- ▶ LED indication of CH1 & CH2 RX & TX activity
- ▶ LED UniBus status indicator
- ▶ 2 LED system status/fault indicators
- ▶ UniBus loop-through connectors
- ▶ Over-the-wire firmware upgradable
- ▶ Integriti 'C' size footprint 94 x 94mm

21290 - 21297

INTEGRITI UNIBUS - PATCH CABLE SIX WAY



21290	Integriti - UniBus - Patch Cable 220mm six way
21295	Integriti - UniBus - Patch Cable 270mm six way
21296	Integriti - UniBus - Patch Cable 500mm six way
21297	Integriti - UniBus - Patch Cable 1m six way

Access Control Modules

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20320P

INTEGRITI - 2 DOOR ACCESS MODULE (2 DAM)



- ▶ Supports magnetic swipe or Wiegand card readers without the need for an additional interface
- ▶ Card Cache version supports offline database of 35 backup cards, plus dynamic cache of 110 cards per reader
- ▶ Provides reed and tongue sense monitoring
- ▶ Request to Enter (REN) and Request to Exit (REX) inputs provided
- ▶ Door Open Too Long (DOTL), valid and invalid outputs
- ▶ On-board lock relays
- ▶ Fuse protection of reader head power

20322P

INTEGRITI - 1 DOOR ACCESS MODULE (1 DAM)



- ▶ Supports magnetic swipe or Wiegand card readers without the need for an additional interface
- ▶ Standard version supports offline database of up to 31 backup cards
- ▶ Provides reed and tongue sense monitoring
- ▶ Request to Enter (REN) and Request to Exit (REX) inputs provided
- ▶ Door Open Too Long (DOTL), or valid and invalid outputs
- ▶ On-board lock relay
- ▶ Fuse protection of reader head power

20345

INTEGRITI - LIFT INTERFACE BOARD



- ▶ Each Control Module will secure up to 64 floors and 16 lift cars
- ▶ Custom configurations will allow 32 lift cars
- ▶ For larger applications, use multiple Control Modules linked using Insight software
- ▶ Lift access readers are interfaced using standard Concept 4000 Door Access Modules
- ▶ Button feedback supported. Logs user and selected floor

20346

INTEGRITI - LIFT INTERFACE BOARD EXTENSION CABLE



- ▶ Enables extensive control
- ▶ Monitoring of lift car operation
- ▶ Floor access

Access Control Modules

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21030 / 21031

INTEGRITI - SIFER SMART CARD READERS

A multi-drop RS-485 based reader that employs 128 bit AES encryption from the card through to the door module providing a far superior level of security than that of traditional Wiegand based card readers.

- ▶ Secure 128bit AES Encryption
- ▶ Encrypted from Card to Access Module
- ▶ Mifare DESfire EV1 Card Format
- ▶ Water & Dust Resistant to IP67
- ▶ Vandal Resistant (fully potted)
- ▶ Flexible LED Assignment
- ▶ Audible Buzzer (can use as DOTL)
- ▶ Multi-drop RS-485 Reader LAN
- ▶ Individual Reader Heartbeat Monitoring
- ▶ Integriti Auto Reader Discovery
- ▶ OSDP Compatible
- ▶ Compatible With Inner Range Encrypted SIFER Cards
- ▶ Support For Custom Site Codes and Site Specific Encryption
- ▶ User Programmable Cards Offer Great Flexibility For Installers
- ▶ Global Configuration from Integriti Software (including firmware updates)
- ▶ Read-Write Functionality
- ▶ Small Footprint (dimensions: 39 (W) x 93 (H) x 15 (D) mm)

21030	Integriti - SIFER Smart Card Reader
21031	Integriti - SIFER Multi Format Smart Card Reader

21035 / 36 / 37

INTEGRITI - SIFER MANAGEMENT TOOLS

21035	Integriti - SIFER Smart Card Reader
21036	Integriti - SIFER Card Enrolment Station
21037	Integriti - SIFER-C Reader Config Card

21040 / 41 / 42

INTEGRITI - SIFER ISO CARDS

21040	Integriti - SIFER-P 4K ISO Card - Pre-programmed - Printed
21041	Integriti - SIFER-U 4K ISO Card - User Programmable - Printed
21042	Integriti - SIFER-C 4K ISO Card - Custom Programmed - Printed

21043 / 44 / 45

INTEGRITI - SIFER FOB

21043	Integriti - SIFER-P 4K FOB - Pre-programmed - Printed
21044	Integriti - SIFER-U 4K FOB - User Programmable - Printed
21045	Integriti - SIFER-C 4K FOB - Custom Programmed - Printed



Input / Output Expansion

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20310P / 20325



INTEGRITI - 2 DOOR ACCESS MODULE (2 DAM)

- ▶▶ 16 zone inputs
- ▶▶ Quick and easy installation

20310P	16 Zone Universal Expander - PCB only
20325	16 Zone Expander Add on Board

20315P



INTEGRITI - 8 ZONE MINI EXPANDER

- ▶ 8 zone inputs
- ▶ 8 auxiliary outputs
- ▶ Programmable input de-bounce time
- ▶ Event counting facility

20330



INTEGRITI - 24 AUXILIARY ADD ON BOARD

- ▶ 24 Open collector auxiliary output expander
- ▶ Each output capable of switching 100mA
- ▶ Utilises LAN communication from host universal expander
- ▶ Can be mounted on same chassis as universal expander
- ▶ Expands universal expander auxiliaries from 8 to 32
- ▶ Quick and easy installation

20343



INTEGRITI - RELAY EXTENSION CABLE

- ▶ Each Control Module will secure up to 64 floors and 16 lift cars. Custom configurations will allow 32 lift cars. For larger applications, use multiple Control Modules linked using Insight software
- ▶ Lift access readers are interfaced using standard Concept 4000 Door Access Modules
- ▶ Button feedback supported. Logs user and selected floor

20341



INTEGRITI - 8 WAY VERSATILE RELAY CARD

- ▶ May be installed as a flush mount or surface mount unit
- ▶ Backlit LCD Display with adjustable contrast
- ▶ Four LEDs provide area status, door functions, alarms
- ▶ Multi-lingual firmware as standard (12 Languages)
- ▶ Zone inputs and auxiliary outputs provided on-board the Terminal
- ▶ Compatible with Concept 1000, 2000, 3000, 4000 & Intelligent 2/4-Door Module Local LAN
- ▶ Available in Ivory or White
- ▶ 143mm(L) x 89mm(W) x 18mm(D)
- ▶ 11-14V DC @ 20mA minimum operational current (max 45mA)

Terminals

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20307 / 20308

INTEGRITI - ELITE TERMINAL



- ▶ Compatible with Integriti & Concept 4000 Controllers
- ▶ May be installed as a flush-mount or surface mount unit
- ▶ Backlit rubberised keypad provides tactile feedback
- ▶ Four LEDs provide area status, door functions, alarms and/or other conditions via programming options
- ▶ Instant help text available anytime, at the press of a key
- ▶ Multi lingual firmware as standard (12 Languages)
- ▶ Four 'arrow' keys provide quick and convenient access to options in the 'spreadsheet' style menu
- ▶ Zone inputs and auxiliary outputs provided onboard the Terminal
- ▶ Programmable panic key and duress option

20307	Terminal - Elite - White
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20308	Terminal - Elite - Grey
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20304

INTEGRITI - CONCEPT PRISMA



- ▶ Contemporary slimline surface mount design
- ▶ Full colour LCD backlit screen
- ▶ Large – easy to read text
- ▶ Icon & Scroll wheel navigation system
- ▶ Function keys for quick item selection
- ▶ Scrollable display for menus and lists
- ▶ Light sensitive auto dimming LCD backlight
- ▶ Variable colour RGB keypad backlight
- ▶ Logged off temperature display
- ▶ 8 LED indicators for Area status display
- ▶ 8-bit digital sound tones
- ▶ Instant help text available anytime, at the press of a key
- ▶ Programmable panic key and duress option

Other LAN Modules

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20338

WIRELESS RECEIVER - PARADOX LAN MODULE



- ▶ The RF Transceiver connects directly to the Integrity or Concept RS-485 LAN
- ▶ Cost effective RF wireless Solution
- ▶ Fully compatible with selected Paradox Magellan Wireless Devices, Detectors, Door Contacts, RF Fobs and Smoke Detectors
- ▶ Bi-directional wireless audible & visual feedback to selected RF Fobs for Arming and Disarming System Areas and outputs
- ▶ Wireless PIN entry using selected models of RF Fobs
- ▶ Low Battery supervision & reporting from all wireless devices
- ▶ Wireless panic input
- ▶ Low battery reporting

20355

LAN INSULATOR



- ▶ 5kV isolation between LAN sections
- ▶ Can help eliminate earth loops in the LAN
- ▶ Improved anti-surge protection
- ▶ Improved signal to noise ratio over longer cable runs
- ▶ Two downlink ports on each unit allow monitored 'Loop' wiring or two separate downlink 'Branches'
- ▶ Supports loop and branch ("Y") configurations
- ▶ Protects sections of the LAN from faults or tampering in other sections
- ▶ 'Loop Fail' and 'Branch Isolated' alarm outputs can be wired into any standard zone input
- ▶ Plastic enclosure supports base and cover tamper switches

20357

TERMINAL INTERFACE MODULE



- ▶ Operates as an LCD Terminal over an RS-232 interface
- ▶ Specific ASCII characters sent to the Terminal Interface via RS-232 drive the controller in exactly the same way that key presses on an LCD Terminal would
- ▶ RS-232 cables are available for use with this product to support both DB9 (IR-993009) and DB25 (IR-993025) connections
- ▶ 238mm(L) x 118mm(W) x 74mm(D)
- ▶ 11-14V DC @ 12mA minimum operational current (max 45mA)

20500

CONCEPT - LAN OVER ETHERNET MODULE



- ▶ Compatible with Integrity or Concept 4000 RS-485 LAN
- ▶ Transmit the RS-485 LAN over Ethernet Networks
- ▶ Convert Standard RS485 LAN Modules into Ethernet LAN Modules
- ▶ Serial communication speeds of up to 19200 baud
- ▶ Extend the Integrity or Concept 4000 LAN distance
- ▶ Use wireless IP technologies to save wiring costs
- ▶ Use existing IP Networks to save wiring time & costs
- ▶ Deploy single Control Modules across multiple sites
- ▶ Provide electrical isolation between RS-485 LAN segments.

20502 / 20503

CONCEPT - FIBRE MODEMS



- ▶ Multimode Fibre Modems extend Controller LAN up to 10Km
- ▶ Single Mode Fibre Modems extend Controller LAN up to 13Km
- ▶ Electrical isolation from the remote LAN
- ▶ Fibre links immune to earth loops and induced noise
- ▶ Immune to propagation of electrical pulses due to lightning
- ▶ Supports loop and branch ("Y") configurations
- ▶ Redundant LAN path when Fibre Modems used in 'loop' configuration
- ▶ 'Loop Fault' and 'Branch Fault' auxiliary outputs

20502	Concept - Multimode Fibre Modem
20503	Concept - Single Mode Fibre Modem

Miscellaneous Equipment

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20317

RAID PANIC BUTTON

- 3 Buttons



20460 / 61 / 62

SURGE PROTECTOR

- Adds a further layer of transient protection



20460	Surge Protector - AC
20461	Surge Protector - LAN
20462	Surge Protector - Phone Line

21300

INTEGRITI - GSM PORT ZERO LEAD

- Port zero lead



21900

INTEGRITI - IFDAM FIRMWARE WITH CACHED MODE

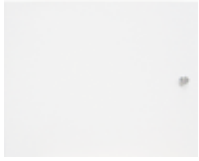
- Firmware upgrade



Enclosure Options

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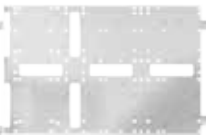
75302 / 04 / 06



CONCEPT CABINETS

75302	Standard Cabinet - Empty - With Cam Lock
75304	Large Cabinet - Empty - With Cam Lock
75306	Mega Cabinet - 40VA Transformer

75315 - 75319



CHASSIS

75315	Mega Base Chassis
75316	Mega 2+2 Chassis
75317	Mega 1+1 Chassis
75318	Standard Chassis - Inner Range - For New Concept Cabinet
75319	Large Chassis - Inner Range - For New Concept Cabinet

50131 - 50135



2.0A POWER SUPPLY UNIT

50131	Inner Range - 2.0A PSU with Low Battery - 10 Way Ribbon Cable
50132	Inner Range - 2.0A PSU with Low Battery - Small Chassis
50133	Inner Range - 2.0A PSU with Low Battery - Standard Cabinet
50134	Inner Range - 2.0A PSU with Low Battery - Small Cabinet
50135	Inner Range - 10 Way Ribbon Cable for 2.0A PSU

21192 - 21199



INTEGRITI POWER SUPPLY UNITS

21192	Integriti - 2 Amp PSU - PCB only
21193	Integriti - 3 Amp Smart PSU - PCB only
21198	Integriti - 8 Amp Smart PSU - Module
21199	Integriti - Patch Cable for Smart PSUs - 6 Way, 430mm

50101 / 02



PARADOX 1.75A POWER SUPPLY UNITS

50101	Paradox - 1.75A PSU
50102	Paradox - 1.75A PSU - Small Cabinet

Power Supplies Accessories

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50100

1.75A POWER SUPPLY UNIT



- ▶ 13.8Vdc, 1.75A switching power supply
- ▶ Fuseless electronic protection with automatic restore
- ▶ Automatic transfer to backup battery power
- ▶ Second backup battery connector (optional)
- ▶ Battery test input

50130

2.0A POWER SUPPLY UNIT



- ▶ Reliable and stable
- ▶ Small form factor
- ▶ Fused AC input and battery protection (4A)
- ▶ LED indication of output present, AC fail and reverse battery polarity
- ▶ Can be ganged with a second 2A P/S to provide a 4A or dual-redundant power source
- ▶ Can be set to a 1A current limit
- ▶ Ribbon cable output for devices, such as Mini Expander

50435

PB256-1210CML 8 AMP POWER SUPPLY MODULE



- ▶ Ultra-low noise output
- ▶ Independent load & battery charging current limiting
- ▶ DC output OK & battery OK alarms & LED's
- ▶ Battery-LVD and low alarm
- ▶ Over-temperature protection
- ▶ Battery fuse fail LED
- ▶ 8 amp output and 2 amp battery charger

50437

12VDC 8A PSU KIT (FOR INTEGRITI)



- ▶ Includes 8 amp power supply module and 4x8 m/screw

50151

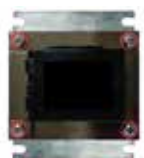
16V 40VA TRANSFORMER



- ▶ 16v 40VA Transformer

50152

16VAC 75VA TRANSFORMER



- ▶ 16VAC 75VA Transformer



Inner Range Inception

Web Enabled Security Solution

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY



inception 
WEB POWERED SECURITY

HEADING:

- Inception Controller & Accessories

Inner Range Inception Web Powered Security Solution

Inception is an integrated access control and security alarm system with a design edge that sets it apart from the pack. Apart from its modern and sleek looks, Inception's software is built directly into the controller - so the only tool you will need is a web browser.

Inception Web Powered Convenience

With a step by step commissioning guide and simple interface, Inception is easy to install, easy to use and outstandingly powerful in its class.

Features:

- Multiple devices. End users can conveniently use any existing computer, tablet or smartphone to control their Inception system via the fully featured user interface
- There is no need to install software on a computer, no need to leave a computer on site and no issues with software/firmware compatibility. Instead, the installation process is as simple as powering up the controller, connecting the network cable (or use the optional WiFi adapter) and using any web browser to navigate to Inception's web page
- Inception's programming screens are presented in a simplified manner with unnecessary options out of view. The programming screens are concise and easy to navigate with built-in context-based help to provide on-screen detailed information to the installer.
- Easy Setup with Checklist Prompting. that guides the technician through the commissioning process. When followed from start to finish, the configuration process can be completed efficiently in a logical way, minimising the risk of missing important configuration settings.
- Send IP Alarms Via The Multipath-IP Network
- Security Alarm

ir inner range

Inception Controller & Accessories

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22000

INNER RANGE INCEPTION CONTROLLER



The Inception Controller is the heart of the Inception system. The controller is a powerful security system that brings together Intruder Detection, Access Control and Automation into one easy to use web based hardware solution.

- ▶ USB and ethernet ports
- ▶ Tamper input
- ▶ LED indicators
- ▶ 4 universal relay outputs
- ▶ SkyTunnel web interface
- ▶ 8 universal outputs
- ▶ RS-485 LAN expansion port
- ▶ Backup battery connection
- ▶ SIFER reader RS-485 port

22001

INNER RANGE INCEPTION CONTROLLER IN STANDARD CABINET



Web enabled security controller in standard cabinet that includes 4/32 Doors, 8/512 Inputs, 4/512 Outputs, 2 Areas, 2000 Users and 50000 Review Events. The controller is a powerful security system that brings together Intruder Detection, Access Control and Automation into one easy to use web based hardware solution.

- ▶ USB and ethernet ports
- ▶ Tamper input
- ▶ LED indicators
- ▶ 4 universal relay outputs
- ▶ SkyTunnel web interface
- ▶ 8 universal outputs
- ▶ SIFER reader RS-485 port / RS-485 LAN expansion port
- ▶ Backup battery connection

22002

INNER RANGE INCEPTION CONTROLLER IN LARGE CABINET



Web enabled security controller in large cabinet that includes 4/32 Doors, 8/512 Inputs, 4/512 Outputs, 2 Areas, 2000 Users and 50000 Review Events. The controller is a powerful security system that brings together Intruder Detection, Access Control and Automation into one easy to use web based hardware solution.

- ▶ USB and ethernet ports
- ▶ Tamper input
- ▶ LED indicators
- ▶ 4 universal relay outputs
- ▶ SkyTunnel web interface
- ▶ 8 universal outputs
- ▶ SIFER reader RS-485 port / RS-485 LAN expansion port
- ▶ Backup battery connection

22003

INNER RANGE INCEPTION CONTROLLER IN MEGA CABINET



Web enabled security controller in mega cabinet that includes 4/32 Doors, 8/512 Inputs, 4/512 Outputs, 2 Areas, 2000 Users and 50000 Review Events. The controller is a powerful security system that brings together Intruder Detection, Access Control and Automation into one easy to use web based hardware solution.

- ▶ USB and ethernet ports
- ▶ Tamper input
- ▶ LED indicators
- ▶ 4 universal relay outputs
- ▶ SkyTunnel web interface
- ▶ 8 universal outputs
- ▶ SIFER reader RS-485 port / RS-485 LAN expansion port
- ▶ Backup battery connection

22011

INNER RANGE INCEPTION USB WI-FI ADAPTER



USB Wi-Fi adapter provides a convenient wireless connection option. With two modes of operation, the WiFi adapter can act as a handy technician's service tool or serve as a permanent wireless connection, to an available onsite wireless network.

- ▶ Wireless Access Point mode allows installers to establish a wireless connection directly to the Inception controller. This avoids the need to find an IP address or connect to the client's local network.
- ▶ Client Mode allows Inception to connect to an existing WiFi network for a permanent local network/Internet connection.



CONCEPT 4000

HEADING:

- ▶ Concept 4000 System Architecture
- ▶ Concept Control Equipment
- ▶ Insight Software
- ▶ Access Control
- ▶ Input / Output Expansions
- ▶ Terminals
- ▶ Other LAN Modules
- ▶ Miscellaneous Equipment



Inner Range Solution

Inner Range are world leaders in the design and manufacture of state of the art access control and security solutions. Consultants who specify our products, technicians who install them and people who use them, benefit daily from the remarkable versatility of Inner Range systems.

Concept 4000 Hardware Platform

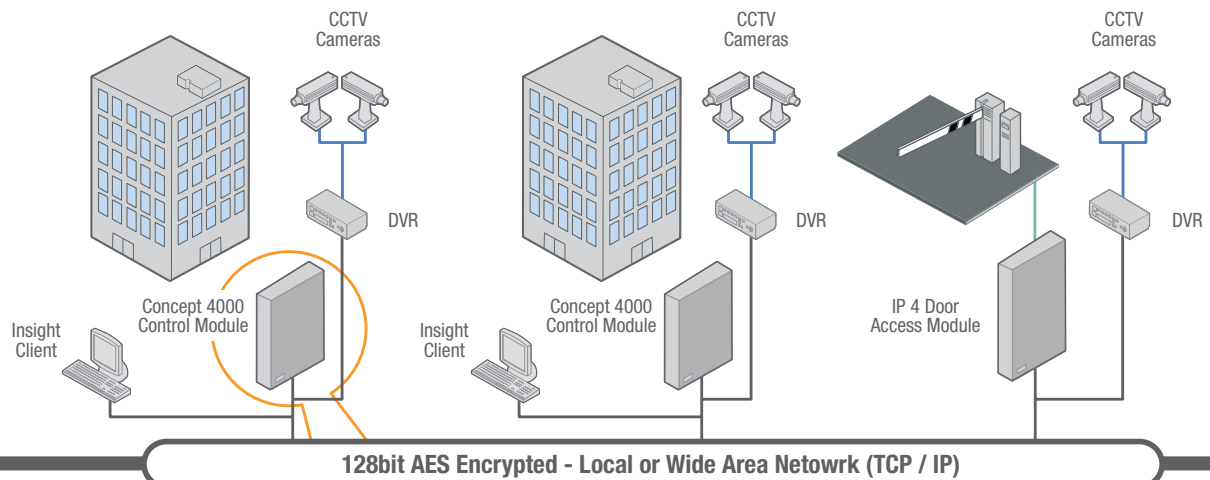
Concept 4000 is a modular integrated hardware platform offering you an expandable, flexible and highly secure Access Control, Security/Intruder Detection and Automation package.

Features:

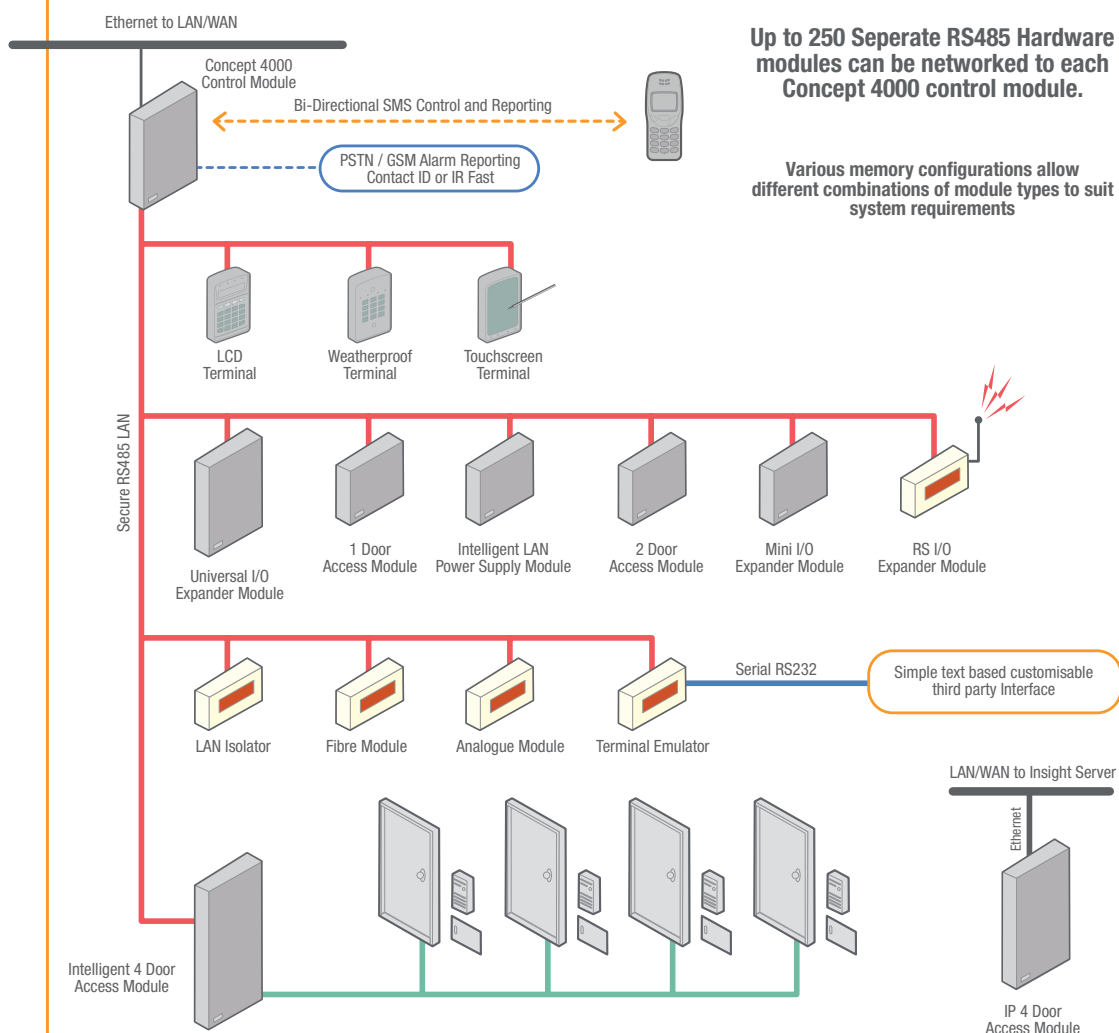
- ▶ Operation on a proprietary encrypted RS485 LAN or Ethernet LAN. A system built around a Control Module with your selection of LAN modules. Typically, this will include input/output expanders, access control modules, keypads, RF modules and communication modules
- ▶ Advanced security features. Sophisticated input processing, wireless device support and a significant range of reporting options
- ▶ Comprehensive access features. Fully redundant access modules, lift control, a wide range of card formats and access features to name only a few
- ▶ Advanced communications interfacing options with four simultaneous communication tasks
- ▶ Fully integrated IP communication capability
- ▶ Powerful automation features with programmable outputs and analogue inputs
- ▶ An extensive range of third party interfaces
- ▶ Incredible flexibility for customisation

Concept 4000 System Architecture

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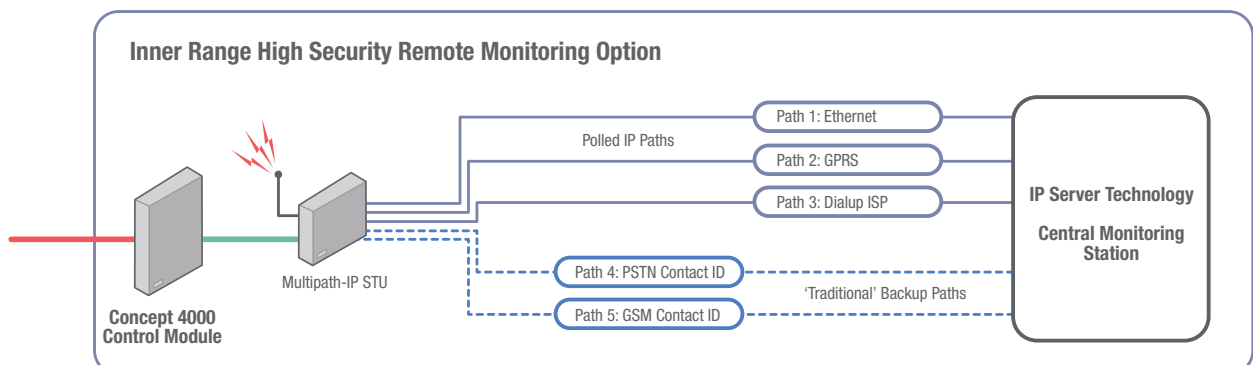
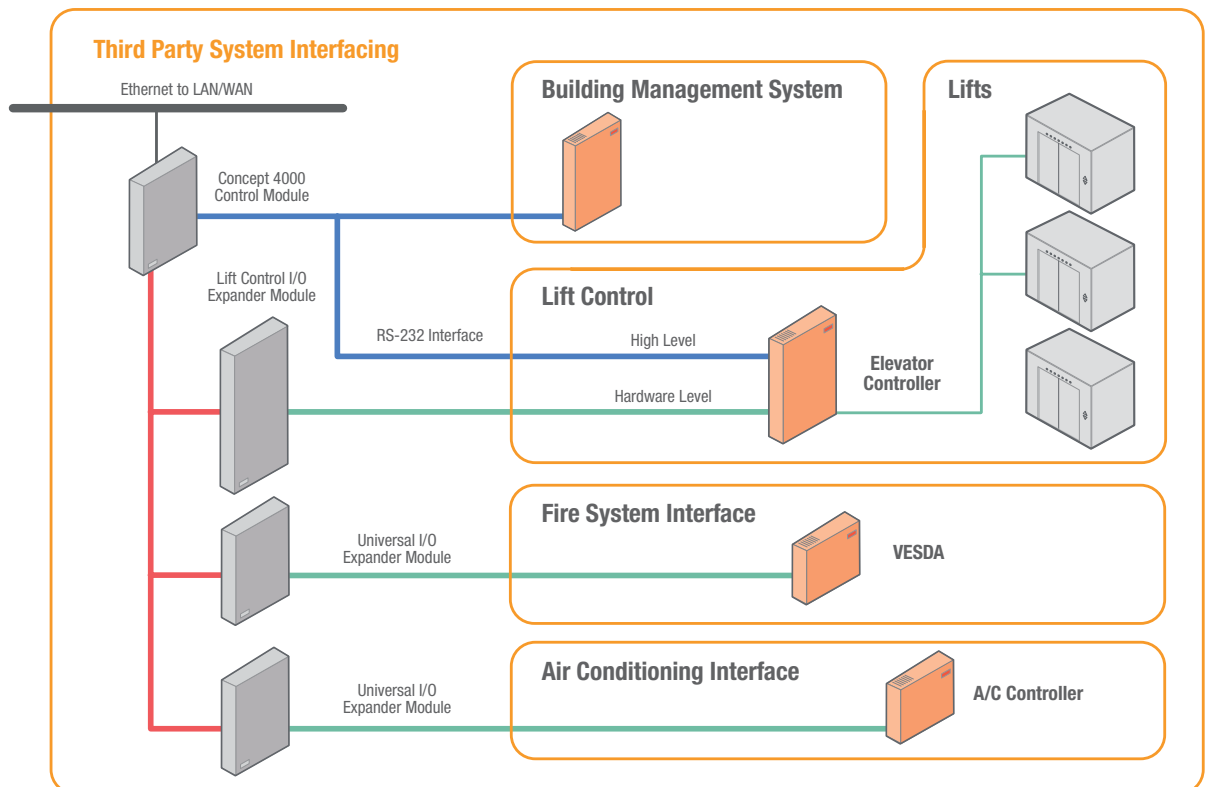
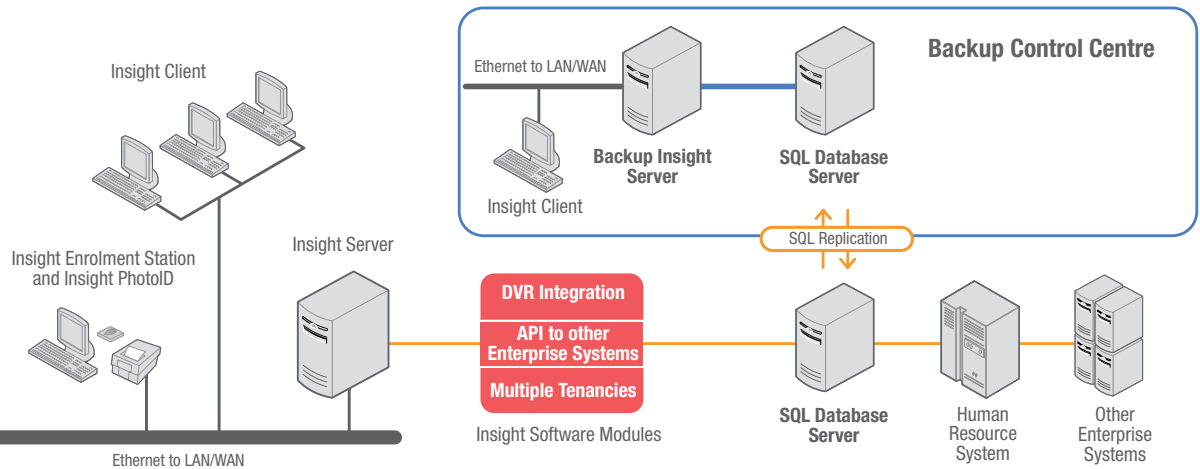


Concept 4000 Integrated Security / Access Hardware Platform



Concept 4000 System Architecture

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Concept Control Equipment

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20400CE



CONCEPT 4000 CONTROLLER

- ▶ Full security / Intruder alarm functionality
- ▶ Complete range of Access Control functionality
- ▶ Comprehensive building automation support
- ▶ 16 on-board zone inputs
- ▶ Expandable from 2 on-board auxiliary outputs to 10 on-board outputs
- ▶ Up to 6500 event, non-volatile review buffer

20400CE-P	Concept 4000 - Controller - PCB only
20400CEPKIT	Concept 4000 - Controller - PCB with 10 Standoffs
20400CE-C	Concept 4000 - Controller - Chassis
20400CE	Concept 4000 - Controller - Standard Cabinet
20400CEL	Concept 4000 - Controller - Large Cabinet

20300CE



CONCEPT 3000 CONTROLLER

- ▶ 16 Zones
- ▶ 2 Auxiliaries, expandable to 10
- ▶ Maximum 250 areas
- ▶ Maximum 4,000 user codes, 1 to 8 digit
- ▶ Up to 250 user types
- ▶ Instant, delayed, backup siren modes
- ▶ Maximum 240 doors
- ▶ Multiple control panel networking
- ▶ Real time clock
- ▶ Daylight saving compensation
- ▶ Maximum 32 holidays, 6 holiday types
- ▶ Maximum 16 characters per holiday name
- ▶ Maximum 64 zone expanders (32 zones per expander) in accordance with current memory configurations
- ▶ Maximum 96 time zones each with four intervals
- ▶ Maximum 16 characters user name length and user type name length
- ▶ Up to 4 selectable siren tones; bell, sweep, fire and evacuation
- ▶ Standard 500, expandable to 6500 events review size
- ▶ Maximum open time per door - 1 to 255 seconds
- ▶ Unlock time per door - 0 to 255 seconds or 0 to 255 minutes
- ▶ On-board diagnostic LEDs to assist with troubleshooting
- ▶ Supports Insight end user management software

20300CE-P	Concept 3000 - Controller - PCB only
20300CEC	Concept 3000 - Controller - Chassis
20300CE	Concept 3000 - Controller - Standard Cabinet
20300CE-L	Concept 3000 - Controller - Large Cabinet

Insight Software

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20566 - 20587

INSIGHT SOFTWARE



Operation on a proprietary encrypted RS485 LAN or Ethernet LAN. A system built around a Control Module with your selection of LAN modules. Typically, this will include input/output expanders, access control modules, keypads, RF modules and communication modules.

- ▶ Sophisticated input processing, wireless device support and a significant range of reporting options.
- ▶ Comprehensive Access Control features
- ▶ Fully redundant access modules
- ▶ Lift control
- ▶ A wide range of card formats and access features
- ▶ Advanced communications interfacing options with four simultaneous communication tasks
- ▶ Fully integrated ip communication capability
- ▶ Powerful automation features with programmable outputs and analogue inputs
- ▶ An extensive range of third party interfaces that is incredible flexibility for customisation

20566	Insight - Software - Extra Workstation
20567	Insight - Software - Extra Panel
20570	Insight - Software - Enterprise Bundle
20575	Insight - Software - Card Enrolment Station (Indent only)
20577	Insight - Software - Allow Remote Desktop License
20581	Insight - Software - Component Object Model Interface - Read only
20582	Insight - Software - Dynamic User Import Module
20585	Insight - Software - Component Object Model Interface - Read/Write
20586	Insight - Software - IP Xmit Base - 10 Licenses
20587	Insight - Software - IP Xmit Extra - 10 Licenses

20561

INSIGHT SOFTWARE - EXPRESS - TCP/IP UART



Insight Express is an inexpensive software solution for small business enterprises. It provides one connection to a Concept 3000/4000 control panel and can be used on a single computer workstation. Express offers all the essential functionality required to configure, administer and monitor a single Concept 4000 system. Full operator passwords are provided for added security. Insight Express can also be upgraded to Insight Professional when further expansion is required.

- ▶ User Management. Users can be added and deleted; their security levels changed; their access to doors and security areas modified
- ▶ System status. System status can be viewed from a customisable text history window
- ▶ System programming. All concept hardware system configuration can be programmed, updated and backed up from Insight Express
- ▶ Includes the Core Modules Insight Edit, Insight Review and Insight Operators

20565

INSIGHT SOFTWARE - PROFESSIONAL - TCP/IP UART



Insight Professional is a "best in class" system management software solution providing customers with user friendly control and management of Concept 4000 hardware platforms. User Friendly Programming and Control Operators can edit programming of items such as users, doors and lifts within one or multiple Concept 4000 Controllers.

- ▶ User friendly programming screens
- ▶ Control of doors, areas, lifts and auxiliary outputs etc.
- ▶ Powerful search and cross-referencing tools
- ▶ Hyperlinks to move between related programming screens
- ▶ User friendly administration
- ▶ Control of doors, areas, lifts and auxiliary outputs etc.
- ▶ Powerful search and cross-referencing tools
- ▶ Hyperlinks to move between related programming screens
- ▶ Easy to use pre-defined user management
- ▶ Multi-panel, multi-workstation (multi-client)
- ▶ MS SQL server database -ODBC compatible
- ▶ Rijndael AES 128-bit encryption
- ▶ Proprietary Insight communications protocol developed specifically for IP based communications

Insight Software

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20568

INSIGHT SOFTWARE - PHOTO ID LICENSE



Insight PhotoID enables the design and printing of user photo-identification cards. The card designer environment is simple to use and enables the inclusion of background images as well as employee information directly from the Insight database. Operators can design custom card templates. Each template may contain:

- ▶ A background image
- ▶ A user photograph
- ▶ Selected database fields
- ▶ Simple text
- ▶ Includes image capture from Windows Image Acquisition (WIA) compatible devices, eg digital cameras, web cams or similar
- ▶ Can be used from multiple Insight client workstations with only a single PhotoID license, making it an extremely cost effective card printing solution
- ▶ Once the card templates are configured, individual user cards may also be printed directly from the user programming screen, without opening the Insight PhotoID module

20569

INSIGHT SOFTWARE - ADVANCED REPORTING LICENSE



The Advanced Reporting Module greatly enhances the reporting capabilities from within Insight and contains many customisable reports templates:

- ▶ Time on Site Report Muster Reports
- ▶ Extended User Report
- ▶ Door Access Reports
- ▶ Many more report templates
- ▶ A custom report designer tool
- ▶ Custom Report Design Service

20571 / 20572

INSIGHT SOFTWARE - DVR LICENSE



- ▶ Provide a High-level interface to a large variety of VMS/ NVR/DVRs
- ▶ Enable Live Video Verification for confirmation of Alarm events
- ▶ Access recorded video information from the system review event log
- ▶ Place cameras and camera pre-sets directly onto floor plans within the Schematic Maps application
- ▶ View live and historical video feeds directly in the software workspace
- ▶ Switch cameras and video feeds based on custom real-time triggers
- ▶ Control VMS, NVRs, DVRs and cameras
- ▶ Remotely control PTZ (Pan/Tilt/Zoom) cameras
- ▶ Send event flags and custom triggers to NVRs to invoke predefined automation tasks within the CCTV system
- ▶ Send model-specific commands to a VMS/NVR/DVR or camera
- ▶ Within a single screen, create a custom matrix of cameras connected to NVR/DVRs from different vendors
- ▶ Link cameras to almost any object or entity within the access control system database (doors, inputs, user's etc)
- ▶ Bi-directional integration allows send and receive communications with capable NVR or VMS systems

20571	Insight Software - DVR License - 30 Cameras
20572	Insight Software - Extra 10 Camera License

20578

INSIGHT SOFTWARE - COMMUNICATOR



- ▶ Messages can be prioritised, applied to a particular template and sent based on rules. Simple text matching and/or regular expressions can be used. For example, Review events containing the word, "warehouse" may only be sent to the Warehouse Manager and the Duty Guards. Whereas Review events containing the word, "fire" might be sent to All Managers and the Duty Guards and so forth
- ▶ Templates can determine whether a message is sent to a pager, SMS or by email, the local serial port, or any combination of these media, as well as set the format and content of this message for each medium
- ▶ Details can be tailored to each recipient. A Recipient can be a person or a device such as a pager or a computer. For each recipient, the operator can configure which messages are received, how they are received (SMS, pager, email) and when they are received
- ▶ Fully customisable can be created and used to control when messages are received. For instance, emails for a given recipient might be set to be received at all hours, as messages occur, whereas pager or SMS messages for the recipient might be limited to certain hours of the day
- ▶ Insight Communicator can also be used to send, "one-off", Custom Messages where required

Insight Software

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20584

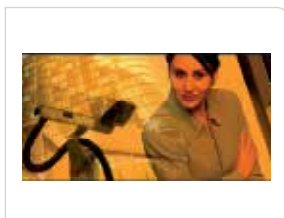
INSIGHT SOFTWARE - COMMUNICATOR - 3RD PARTY GATEWAY



- ▶ 3PGateway is an add-on option for Insight Communicator. It is a software integration interface and provides an interface for events to be sent from 3rd party systems directly into the Insight review database
- ▶ With 3PGateway, Communicators' functionality is further enhanced by acting as a gateway between Insight and selected third party systems. This high-level interface 'listens' via TCP or the Serial port for event messages from outside platforms, relaying the message to Insight Review, where pre-configured automated tasks can then be actioned
- ▶ Actions can include automatically displaying a CCTV camera view, or displaying a live view of your facility's doors and secure areas via Insight's Schematic floor plan option or even tracking the location of a user via the EkoTek and the Insight Tagboard applications
- ▶ Highlighting Communicator's functionality, these incoming events can also be used to trigger custom outgoing messages via email, SMS, or pager. This level of integration greatly expands the versatility of Insight Communicator, Insight software and the Concept integrated Security/Access control system

20719

CONCEPT 3000 / 4000 - INTELLIGENT FOUR DOOR ACCESS MODULE (IFDAM) FIRMWARE



Designed for sites where you need a system requiring the highest integrity and redundancy planning, the Intelligent 4 Door Access module is the perfect choice. It combines offline stand-alone operation with a rich set of features.

- ▶ Four doors via four card readers
- ▶ On board 3 Amp supply
- ▶ Four on-board lock relays
- ▶ Optically isolated LAN input provides 5kV isolation for protection from surges
- ▶ Separate valid, invalid and Door Open Too Long (DOTL) output for each door
- ▶ Separate reed, tongue, request entry, request exit and arm inputs for each reader
- ▶ All card reader interfaces operate with common magnetic swipe and Wiegand readers without the need for additional interfaces
- ▶ On board event review buffer for offline operation
- ▶ Each card reader may be independently configured, allowing a combination of card reader technologies
- ▶ Door open too long pre-warn function

20583

INSIGHT SOFTWARE - CARD POOL MODULE



The Card Pool Module streamlines the administration of access control cards across an organisation. Operators can create pools of cards and assign them to users, return cards to a pool (for example, when a visitor signs out, or a contractor finishes their tenure) as well as, where necessary, marking cards as suspended or lost. When creating/editing users within Insight Edit (and Card Pool is installed), operators can now assign the next available card from created card pools. A card data scanning feature makes it easy to implement this module in an existing system and a range of card pool specific reports are available in the Insight optional advanced reporting module.

- ▶ Create a new site code card pool
- ▶ Create a new direct entry card pool
- ▶ Perform a panel scan and add freshly allocated cards to a card pool
- ▶ Return cards to a pool. For example, when a visitor signs out, or a contractor finishes their tenure
- ▶ Auto-create card pools based on panel programming
- ▶ Mark cards as suspended or lost
- ▶ Card Pool installed when creating/editing users within Insight Edit, operators can now assign the next available card from created card pools by means of a couple of button presses

20590

INSIGHT SOFTWARE - QUALIFICATION & CREDIT TRACKING



This important Insight feature can assist organisations managing occupational health and safety risks by restricting access control to areas where personnel can only legally enter if they have valid qualifications. A door or a list of doors can be associated with a qualification, access will be granted when a user holds a valid qualification, or access will be denied by an invalid/expired qualification. The system supports up to eight qualifications and allows the expiry to be defined as a specific date. Daily expiry warnings are provided in advance in order to notify personnel that access permissions are about to expire.

- ▶ Create up to eight qualifications based access types
- ▶ Grant timed site access based on users qualifications
- ▶ Set qualification type and expiry dates per user
- ▶ Receive "about to expire" notifications
- ▶ Grant users access to a single door or a list of doors
- ▶ Import qualification details from 3rd party systems

Insight Software

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20589

INSIGHT SOFTWARE - ACTIVE USER ROTATIONAL MODULE



- ▶ Extends the user capacity of Concept 4000 Control modules (i.e. hundreds of thousands)
- ▶ Works with one or many Concept 4000 panels
- ▶ Up to 3 second processing time
- ▶ Designed for Virtual Panel architecture
- ▶ Designed for Site Coded card reader configurations
- ▶ Compatible with Insight Dynamic User Import Module (DUIM)
- ▶ Requires 512k memory and v7.60 up firmware

20588

INSIGHT SOFTWARE - TAGBOARD



Tag Board provides a real time display of user locations and is designed to help you locate and monitor personnel in and around your facility. It can tell you who is in a particular area, or which area a particular person is in. The Tag Board display is fully configurable, operators can tailor the layout as required to ensure information is grouped filtered and presented to suit site specific requirements. Multiple layouts can be created and selected as required.

- ▶ Display location of particular users
- ▶ Display which users are in a particular area
- ▶ Track the location of visitors
- ▶ Display full screen or normal sizes
- ▶ Create multiple layouts
- ▶ Assign default layout to display after login
- ▶ Display up to 40 columns of information
- ▶ Drag & drop column ordering
- ▶ Drag & drop column grouping
- ▶ Filter information via logical filter stacks
- ▶ Import & export layouts

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Access Control

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20322



1 DOOR ACCESS MODULE

- Supports magnetic swipe or Wiegand card readers without the need for an additional interface
- Standard version supports offline database of up to 31 backup cards
- Provides reed and tongue sense monitoring
- Request to Enter (REN) and Request to Exit (REX) inputs provided
- Door Open Too Long (DOTL), or valid and invalid outputs
- On-board lock relay
- Fuse protection of reader head power

20322P	1 DAM - PCB only
20322PKIT	1 DAM - PCB with 8 Standoffs
20322C	1 DAM - Chassis - 1.75A PSU
20322CB	1 DAM - Chassis - 2.0A PSU with Low Battery
20322CBKIT	1 DAM 2.0A PSU with Low Battery Add On Kit - 1 DAM PCB - 2A L/B PSU - 8 Standoffs - Transformer with Screws - Battery Leads
20322CKIT	1 DAM 1.75A PSU Add On Kit - 1 DAM PCB - 1.75A PSU - 4+4 Standoffs - Transformer with Screws
20322	1 DAM - Standard Cabinet - 1.75A PSU
20322SB	1 DAM - Standard Cabinet - 2.0A PSU with Low Battery
20322L	1 DAM - Large Cabinet - 1.75A PSU
20322LB	1 DAM - Large Cabinet - 2.0A PSU with Low Battery

20320



2 DOOR ACCESS MODULE

- Supports magnetic swipe or Wiegand card readers without the need for an additional interface
- Card Cache version supports offline database of 35 backup cards, plus dynamic cache of 110 cards per reader
- Provides reed and tongue sense monitoring
- Request to Enter (REN) and Request to Exit (REX) inputs provided
- Door Open Too Long (DOTL), valid and invalid outputs
- On-board lock relays

20320P	2 DAM - PCB only (Cached)
20320PKIT	2 DAM - PCB with 8 Standoffs
20320C	2 DAM - Chassis - 1.75A PSU
20320CB	2 DAM - Chassis - 2.0A PSU with Low Battery
20320CBKIT	2 DAM 2A L/B PSU Add On Kit - 2 DAM PCB - 2A PSU with Low Battery - 12 Standoffs - Transformer with Screws - Battery Leads
20320CKIT	2 DAM 1.75A PSU Add On Kit - 2 DAM PCB - 1.75A PSU - 8+4 Standoffs - Transformer with Screws
20320	2 DAM - Standard Cabinet - 1.75A PSU
20320SB	1 DAM - Standard Cabinet - 2.0A PSU with Low Battery
20320L	2 DAM - Large Cabinet - 1.75A PSU
20320LB	2 DAM - Large Cabinet - 2.0A PSU with Low Battery

20324



STANDALONE 2 DOOR ACCESS MODULE

- Supports magnetic swipe or Wiegand card readers without the need for an additional interface
- Capacity for 100 cards with full user names
- Provides reed monitoring
- Request to Enter (REN) and Request to Exit (REX) inputs provided
- Multi-purpose output per door to signal Door Open Too Long (DOTL), Door Forced or Fire Alarm Valid/ invalid outputs
- Inputs for fire or smoke detectors
- On board heavy duty lock relays
- Fuse protection of reader head power
- Real time clock enabling six Timezones, four of which are user programmable
- Timestamped 64 event hardware review buffer
- Comes with free management software incorporating full review log functionality

20324P	2 DAM - Standalone
20324	2 DAM - Standalone - Standard Cabinet - 1.75A PSU

Access Control

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20421

INTELLIGENT 2 DOOR ACCESS MODULE



- ▶ On-board 3 amp power supply
- ▶ 2 On-board lock relays
- ▶ Optically isolated LAN input provides 5kV isolation for protection from surges
- ▶ Separate valid, invalid and Door Open Too Long (DOTL) output for each door
- ▶ Separate reed, tongue, Request to Enter (REN), Request to Exit (REX) & Arm inputs for each reader
- ▶ All card reader interfaces operate with common magnetic swipe and Wiegand readers without the need for any additional interfaces
- ▶ Onboard review buffer for offline operation
- ▶ Each card reader may be independently configured, allowing a combination of card reader technologies
- ▶ Door open too long pre warn function
- ▶ 8 General purpose Onboard zone inputs

20421P	2 DAM - Intelligent - PCB only
20421PKIT	2 DAM - Intelligent - PCB with 8 Standoffs
20421C	2 DAM - Intelligent - Chassis
20421CKIT	2 DAM - Intelligent Add On Kit - 2 DAM Intelligent PCB - 8 Standoffs - Transformer with Screws - Battery Leads
20421	2 DAM - Intelligent - Standard Cabinet
20421L	2 DAM - Intelligent - Large Cabinet

20422

2 DOOR EXPANDER FOR INTELLIGENT 2 DOOR ACCESS MODULE



- ▶ On-board 3 amp power supply
- ▶ 2 On-board lock relays
- ▶ Optically isolated LAN input provides 5kV isolation for protection from surges
- ▶ Separate valid, invalid and Door Open Too Long (DOTL) output for each door
- ▶ Separate reed, tongue, Request to Enter (REN), Request to Exit (REX) & Arm inputs for each reader
- ▶ All card reader interfaces operate with common magnetic swipe and Wiegand readers without the need for any additional interfaces
- ▶ Onboard review buffer for offline operation
- ▶ Each card reader may be independently configured, allowing a combination of card reader technologies
- ▶ Door open too long pre warn function
- ▶ 8 General purpose Onboard zone inputs

20345

8 WAY LIFT INTERFACE BOARD



- ▶ Each Control Module will secure up to 64 floors and 16 lift cars
- ▶ For larger applications, use multiple Control Modules linked using Insight software
- ▶ Custom configurations will allow 32 lift cars
- ▶ Lift access readers are interfaced using standard Concept 4000 Door Access Modules
- ▶ Button feedback supported. Logs user and selected floor

20346

LIFT INTERFACE BOARD EXTENSION CABLE



- ▶ Enables extensive control and monitoring of lift car operation and floor access

20425

4 PORT READER EXPANDER FOR 4 DAM



- ▶ Expander module

Input / Output Expansions

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20315

8 ZONE MINI EXPANDER



The Mini Expander module provides a cost effective solution whenever a small number of zones and auxiliaries are required and is available in both powered and non-powered forms. The powered Mini Expander module is supplied in a larger cabinet and comes complete with a 2A DC power supply with battery recharging circuitry. The module also has a programmable de-bounce feature for increased sensitivity to inputs such as hold-up buttons, event counting and monitoring of electronic pLANt equipment. The input counting feature enables accurate monitoring of events and/or customer activity.

- ▶ 8 zone inputs
- ▶ 8 auxiliary outputs
- ▶ Programmable input de-bounce time
- ▶ Event counting facility

20315P	8 Zone Mini Expander - PCB only
20315PKIT	8 Zone Mini Expander - PCB with 5 Standoffs
20315C	8 Zone Mini Expander - Small Chassis - 1.75A PSU
20315CB	8 Zone Mini Expander - Small Chassis - 2.0A PSU with Low Battery
20315CBKIT	8 Zone Mini Expander 2A PSU L/B Add On Kit - 8 Zone Mini Expander PCB - 2 Amp L/B PCB - 9x Standoffs - Transformer with Screws - Battery Leads
20315CKIT	8 Zone Mini Expander 1.75A PSU Add On Kit - 8 Zone Mini Expander PCB - 1.75A PSU - 5+4 Standoffs - Transformer with Screws
20315	8 Zone Mini Expander - Standard Cabinet - 1.75A PSU
20315SB	8 Zone Mini Expander - Standard Cabinet - 2A PSU with Low Battery
20315LB	8 Zone Mini Expander - Large Cabinet - 2A PSU with Low Battery

20310 / 25

16 ZONE UNIVERSAL EXPANDER



The 16-Zone Expander Board provides a cost-effective addition of another 16 zone inputs to the Universal Expander, as well as extra detector power supply connectors to simplify device wiring. Designed for installation within the same enclosure as its host Universal Expander, the expander is connected using a supplied ribbon cable.

- ▶ 16 zone inputs
- ▶ Quick and easy installation
- ▶ Cost-effective zone input expansion option
- ▶ 180mm(L) x 68mm(W) x 15mm(D)
- ▶ 40mA minimum operational current

20310P	16 Zone Universal Expander - PCB only
20310PKIT	16 Zone Universal Expander - PCB with 10x Standoffs
20310C	16 Zone Universal Expander - Medium Chassis
20310CKIT	16 Zone Universal Expander - Add On Kit - 16 Zone Expander PCB - 10x Standoffs - Transformer with Screws - Battery Leads
20310	16 Zone Universal Expander - Standard Cabinet
20310L	16 Zone Universal Expander - Large Cabinet
20325	16 Zone Expander Add on Board

20330

24 AUXILIARY ADD ON BOARD



- ▶ 24 Open collector auxiliary output expander
- ▶ Each output capable of switching 100mA
- ▶ Utilises LAN communication from host universal expander
- ▶ Can be mounted on same chassis as universal expander
- ▶ Expands universal expander auxiliaries from 8 to 32
- ▶ Quick and easy installation

Input / Output Expansions

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20343

RELAY EXTENSION CABLE



The optional Lift Interface board enables extensive control and monitoring of lift car operation and floor access. Up to 32 floors may be controlled and monitored per Universal Expander using up to four optional Lift Interface boards and a Lift Interface Extension Cable (IR-995019). Each Lift Interface board has 8 opto-isolated zone inputs and 8 relay outputs to provide the facility to connect to lift control systems. Button feedback can be enabled where required. This feature ensures that only one button can be pressed per valid card read. Additionally, Concept 4000 provides the means for different sets of floor buttons to be made available depending on the user attempting to access the lift buttons.

- ▶ Each Control Module will secure up to 64 floors and 16 lift cars. Custom configurations will allow 32 lift cars. For larger applications, use multiple Control Modules linked using Insight software
- ▶ Lift access readers are interfaced using standard Concept 4000 Door Access Modules
- ▶ Button feedback supported. Logs user and selected floor

20350CE

8 WAY AUXILIARY EXPANDER BOARD - TYPE 2



Complements the two on-board auxiliary outputs on the Concept 4000 Control Module with the addition of eight open-collector outputs

20341

8 WAY VERSATILE RELAY CARD



The Elite LCD Terminal is a user interface for the Concept 4000 system. Its stylish design, 20 key backlit keypad and backlit LCD panel allows the user to easily perform typical user operations, review system activity and program all options. The LCD panel allows the use of plain text to guide the user through operations and identify alarms, events and items by name.

- ▶ May be installed as a flush mount or surface mount unit
- ▶ Backlit LCD Display with adjustable contrast
- ▶ Four LEDs provide area status, door functions, alarms
- ▶ Multi-lingual firmware as standard (12 Languages)
- ▶ Zone inputs and auxiliary outputs provided on-board the Terminal
- ▶ Compatible with Concept 1000, 2000, 3000, 4000 & Intelligent 2/4-Door Module Local LAN
- ▶ Available in Ivory or White
- ▶ 143mm(L) x 89mm(W) x 18mm(D)
- ▶ 11-14V DC @ 20mA minimum operational current (max 45mA)

Terminals

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20307 / 08



INTEGRITI - ELITE TERMINAL

- ▶ Compatible with Integrati & Concept 4000 Controllers
- ▶ May be installed as a flush-mount or surface mount unit
- ▶ Backlit rubberised keypad provides tactile feedback
- ▶ Four LEDs provide area status, door functions, alarms and/or other conditions via programming options
- ▶ Instant help text available anytime, at the press of a key
- ▶ Multi lingual firmware as standard (12 Languages)
- ▶ Four 'arrow' keys provide quick and convenient access to options in the 'spreadsheet' style menu
- ▶ Zone inputs and auxiliary outputs provided onboard the Terminal
- ▶ Programmable panic key and duress option

20307	Terminal - Elite - White
20308	Terminal - Elite - Grey
20307M	Mylar (Keymat) for Elite Terminal

20304



INTEGRITI - CONCEPT PRISMA

- ▶ Contemporary slimline surface mount design
- ▶ Full colour LCD backlit screen
- ▶ Large – easy to read text
- ▶ Icon & Scroll wheel navigation system
- ▶ Function keys for quick item selection
- ▶ Scrollable display for menus and lists
- ▶ Light sensitive auto dimming LCD backlight
- ▶ Variable colour RGB keypad backlight
- ▶ Logged off temperature display
- ▶ 8 LED indicators for Area status display
- ▶ 8-bit digital sound tones
- ▶ Instant help text available anytime, at the press of a key
- ▶ Programmable panic key and duress option

20356



TOUCHSCREEN TERMINAL

- ▶ Customisable screens
- ▶ Contemporary user icons
- ▶ Building automation control
- ▶ Slimline wall mounted plastics
- ▶ Customisable architectural face plate
- ▶ Intuitive user interface with simple, yet comprehensive system control for end users

20356	Terminal - Touchscreen - Ivory
20356CH	Terminal - Touchscreen - Charcoal

20309



WATERPROOF TERMINAL

- ▶ Attractive, rugged case is highly vandal resistant
- ▶ Completely dust proof and highly water resistant IP65 rated case with no moving parts
- ▶ Control one door per terminal
- ▶ Control a security area associated with the door or users special area
- ▶ 120mm(L) x 65mm(W) x 27mm(D)
- ▶ 11-14V DC input to PCB (From external power supply) @ 40mA minimum operational current (max 180mA)

20305M



MYLAR FOR IRT-2/3000

- ▶ for IRT-2/3000

Other LAN Modules

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20332

ANALOGUE MODULE



- ▶ Four independent analogue inputs, each with its own programmable trigger point
- ▶ 0-5V or 4-20mA types available
- ▶ 8 bit resolution, 1% accuracy
- ▶ Four output auxiliaries and two general purpose digital inputs (no EOL resistors)
- ▶ Compatible with the Serial Temperature Sensor (IR-995089)
- ▶ 11-14V DC

20380

CONCEPT WEB INTERFACE KIT



The Concept WEB interface kit is a web server interface designed to provide convenient control of Concept Security Systems via any web browser. It is optimized for use on portable touchscreen devices such as iPhones, iPads, Android Mobile Devices and Tablet PC's, but can be used on any device with a WEB browser application. Use your Smartphone to remotely control your Concept Security System from anywhere in the world. The user screens are intuitive and provide a simple user-friendly layout that is very easy to use.

- ▶ Turn any Security Area On or Off
- ▶ Lock or Unlock any Door
- ▶ Turn Home Automation Devices On or Off
- ▶ View System Review Events (Last 50)
- ▶ Provision for Multi-User Login

20338

WIRELESS RECEIVER - PARADOX - LAN MODULE



- ▶ The RF Transceiver connects directly to the Concept RS-485 LAN
- ▶ Fully compatible with selected Paradox Magellan wireless detectors, door contacts, RF fobs and smoke detectors
- ▶ Low battery supervision & reporting from all wireless devices
- ▶ Bi-directional wireless audible and visual feedback to selected RF fobs for arming / disarming system areas and outputs
- ▶ 150mm(L) x 166mm(W) x 32mm(D)
- ▶ 11-14V AC voltage to PCB @ 65mA operational current

20355

LAN ISOLATOR



- ▶ 5kV isolation between LAN sections
- ▶ Improved anti-surge protection
- ▶ Improved signal to noise ratio over longer cable runs
- ▶ Supports loop and branch ("Y") configurations
- ▶ Provides sections of the LAN from faults or tampering in other sections
- ▶ 305mm(L) x 140mm(W) x 72mm(D)
- ▶ 11-14V DC input voltage to PCB (from LAN or separate battery backed external power supply)

20357

TERMINAL INTERFACE MODULE



- ▶ Operates as an LCD Terminal over an RS-232 interface
- ▶ Specific ASCII characters sent to the Terminal Interface via RS-232 drive the controller in exactly the same way that key presses on an LCD Terminal would
- ▶ 238mm(L) x 118mm(W) x 74mm(D)
- ▶ RS-232 cables are available for use with this product to support both DB9 (IR-993009) and DB25 (IR-993025) connections
- ▶ 11-14V DC @ 12mA minimum operational current (max 45mA)

Other LAN Modules

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20500

CONCEPT - LAN OVER ETHERNET MODULE

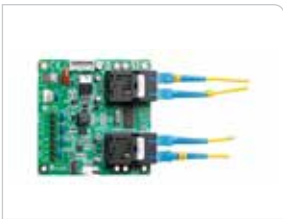


Ethernet connectivity allows the Concept LAN to traverse TCP/IP architecture including 802.3i (10Base-T) and 802.3U (100Base-T) switching and routing equipment. Wireless communications can also be achieved via wireless router and Ethernet / 802.11 point to point RF solutions. Every Concept LAN Over Ethernet module can be assigned as a master or slave via initial set-up options; the master unit is configured with a static IP address while the slave units support static or dynamic addressing. Multiple master and slave modules can exist within the same network and multiple Concept RS-485 LAN modules can be connected to each slave.

- ▶ 95mm(L) x 95mm(W)
- ▶ 11-14vDC voltage to PCB

20502 / 03

CONCEPT - FIBRE MODEM



- ▶ Electrical isolation from the remote LAN
- ▶ Fibre links immune to earth loops and induced noise
- ▶ Immune to propagation of electrical pulses due to lightning
- ▶ Supports loop and branch ("Y") configurations
- ▶ Enclosure: 238mm (L) x 118mm (W) x 74mm (D)
- ▶ PCB: 96mm(L) x 96mm(W)
- ▶ 11-14vDC (from LAN or separate battery backed external power supply) @ 20mA minimum operational current(max 120mA)

20502	Concept - Multimode Fibre Modem
20503	Concept - Single Mode Fibre Modem

Miscellaneous Equipment

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20240 - 20334



ACCESSORIES

20240	IRX-2000 - External Housing
20303	RS-485 - IAN Driver Chip
20317	Raid Panic Button - 3 Button
20334	Temperature Sensor

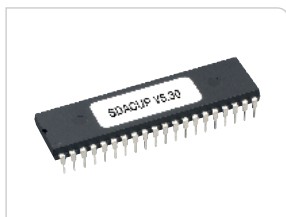
20460 / 61 / 62



SURGE PROTECTORS

20460	Surge Protector - AC
20461	Surge Protector - IAN
20462	Surge Protector - Phone Line

20370 / 72



MEMORY CHIPS

20370	128k Memory Chip - Type 0/1 - Indent only
20370CE	128k Memory Chip - Type 2
20370CEP8	128K Memory Chip with P8 Pic Chip
20372	512k Memory Chip - Type 0/1 - Indent only
20372CE	512k Memory Chip - Type 2
20372CENZ	256k Memory Chip - Type 2 - NZ Special

20240 - 20494



CONCEPT PACKS

20240	IRX-2000 - External Housing
20490	Concept 3000 - Alarm Kit - Concept 3000 - Standard Cabinet - Elite Terminal
20491	Concept 4000 - Alarm Kit - Concept 4000 - Standard Cabinet - Elite Terminal
20492	Concept 3000 - Access Kit - Concept 3000 - Large Cabinet - Elite Terminal - 1DAM on Chassis - 1 Way UART - 9 Pin Computer Cable - HID R10 Reader
20493	Concept 4000 - Access Kit - Concept 4000 - Large Cabinet - Elite Terminal - 1DAM on Chassis - 1 Way UART - 9 Pin Computer Cable - HID R10 Reader
20494	Concept 4000 - TCI/IP Access Kit - Concept 4000 - Large Cabinet - Elite Terminal - 1DAM - Insight Express - TCP/IP UART - 9 Pin Computer Cable - HID R10 Reader

Miscellaneous Equipment

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20364 - 20379

COMMUNICATIONS INTERFACE



- ▶ UART port interface cables provides permanent connection for laptops, PC's, printers and modems to the UART ports on a control module. A UART interface board is required
- ▶ Port 'O' interface cables provides a temporary laptop connection to port 'O' on the control module. This feature should only be used for commissioning and flash programming purposes
- ▶ LAN ancillary cables enables the installer to temporarily connect a terminal to a LAN module to assist in commissioning. The cable features a four way polarised socket. An ancillary LAN connector is produced on most Concept 4000 modules that connects to the LAN
- ▶ Securitel cable is designed to connect a Securitel Serial STU or C&K Systems SpreadNet®, receiver to a port on a Concept 4000 UART board
- ▶ FE3000 modem interface cable is designed to connect an Inner Range FE3000 GSM modem to a port on an Concept 4000 UART interface board
- ▶ C Bus/Dynalite cables connects the Concept 4000 and third party systems

20364	Port O Interface Cable with Serial Connection
20364USB	Port O Interface Cable with USB Connection
20365CE	1 Port UART for Type 2 Controller
20358CE	1 Port UART with TCP/IP
20366CE	2 Port UART for Type 2 Controller Boards only
20359CE	3 Port UART with TCP/IP
20377	9 Pin Computer Interface Cable
20379	25 Pin Computer Interface Cable
20360	25 Pin Serial Printer Interface Cable
20361	Inner Range - Clipsal C-Bus Interface Cable
20362	Inner Range - Dynalite Interface Cable

50100 / 01 / 02

PARADOX - 1.75A PSU



- ▶ 13.8Vdc, 1.75A switching power supply
- ▶ Fuseless electronic protection with automatic restore
- ▶ Automatic transfer to backup battery power
- ▶ Second backup battery connector (optional)
- ▶ Battery test input

50100	Paradox - 1.75A PSU - PCB only
50101	Paradox - 1.75A PSU
50102	Paradox - 1.75A PSU - Small Cabinet

50130 - 50135

2.0A PSU WITH LOW BATTERY



- ▶ Reliable and stable
- ▶ Small form factor
- ▶ Fused AC input and battery protection (4A)
- ▶ LED indication of output present, AC fail and reverse battery polarity
- ▶ Can be ganged with a second 2A P/S to provide a 4A or dual-redundant power source
- ▶ Can be set to a 1A current limit
- ▶ Ribbon cable output for devices, such as Mini Expander

50130	Inner Range - 2.0A PSU with Low Battery - PCB only
50132	Inner Range - 2.0A PSU with Low Battery - Small Chassis
50133	Inner Range - 2.0A PSU with Low Battery - Standard Cabinet
50134	Inner Range - 2.0A PSU with Low Battery - Small Cabinet
50135	Inner Range - 10 Way Ribbon Cable for 2.0A PSU



ACCESS CONTROL:

- ▶ HID iCLASS, multiCLASS & Proximity Readers
- ▶ HID iClass & Proximity Cards
- ▶ PosiProx Readers
- ▶ PosiProx Cards
- ▶ HID Fargo Card Printers
- ▶ Wireless Access, Standalone Access & Keypads
- ▶ ACTAtek Time & Attendance Units

Access Control Solutions

Access control readers, cards, keypads and remotes make access control more powerful, more versatile, and most importantly, offer enhanced security through encryption and mutual authentication.

HID iCLASS SE

HID Global's iCLASS SE access control platform enables customers to future-proof their access control infrastructures while simplifying how identities are created, used and managed, across a broad continuum of application requirements using any combination of smart cards, microprocessor cards and NFC-enabled smartphones. With the iCLASS SE access control platform, enterprises and organizations have the assurance that their investments in today's technologies can be leveraged in the future.

HID multiCLASS

multiCLASS SE® readers are part of HID Global's next generation access control platform and open ecosystem based on HID Global's Secure Identity Object™ (SIO), a portable credential methodology and its Trusted Identity Platform™ (TIP) for advanced applications, mobility and heightened security. multiCLASS SE® 13.56 MHz contactless smart card technology enables a new class of portable identity credentials that can be securely provisioned and safely embedded into both fixed and mobile devices. The readers support the ever-expanding universe of multiple credential technologies for seamless migration and are field programmable for secure upgrades and extended lifecycle.

HID iCLASS SE Readers

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30005 / 30006

HID iCLASS SE R10 READER



- ▶ 13.56 MHz mullion mount contactless smart card reader (read only)
- ▶ Slim design is perfect for metal mullions or any other space-limited installation
- ▶ Provides a standard Wiegand output
- ▶ Dimensions: 4.83 x 10.26 x 2.03 cm
- ▶ Reads iClass & iClass SE cards

30005	HID - iCLASS SE - R10 Reader (HID 900)
30006	HID - iCLASS SE - R10 Reader - Bluetooth Ready

30010

HID iCLASS SE R40 READER (HID 920)



- ▶ 13.56 MHz Contactless smart card reader (read only)
- ▶ Slotted mounting plate
- ▶ Provides a standard Wiegand output
- ▶ Dimensions: 8.38 x 12.19 x 2.16 cm
- ▶ Reads iClass & iClass SE cards

30015

HID iCLASS RK40 PIN PROX (HID 6130)



- ▶ 13.56 MHz contactless smart card reader with keypad (read only)
- ▶ Present a card and use a PIN number for dual verification of identity
- ▶ Provides a standard Wiegand output
- ▶ Dimensions: 3.30 x 4.80 x 0.9 in. (8.38 x 12.19 x 2.286 cm)
- ▶ Reads iClass & iClass SE cards

HID multiCLASS SE & Biometric Readers

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30007 / 30018SE

HID - MULTICLASS SE - RP10 READER



- ▶ Powerfully Secure – provides layered security beyond the card media for added protection to identity data using SIOs
- ▶ Adaptable – interoperable with a growing range of technologies (iCLASS® Seos™ and iCLASS SE® credential platforms, standard iCLASS®, MIFARE®, and MIFARE® DESFire® EV1 with custom data models) and form factors including mobile devices utilizing Seos™
- ▶ Interoperable – Open Supervised Device Protocol (OSDP) for secure, bidirectional communication
- ▶ Streamlined Migration – simultaneous support for 125kHz HID Prox®, Indala®, AWID and EM4102 for seamless migration; field programmable for secure upgrades and extended lifecycle

30007	HID - multiCLASS SE - RP10 Reader - Bluetooth Ready
30018SE	HID - multiCLASS SE - RP10 Reader

30013

HID MULTICLASS SE RP40 READER



- ▶ Simple Migration: from the most popular proximity technologies to iCLASS®
- ▶ Open architecture design: allows project specific formats and keys
- ▶ Powerful options: provides flexible options for processing multi-technology cards and configuring the reader's audio/visual characteristics
- ▶ Reads: 125 kHz - HID proximity and AWID, 13.56 MHz - iCLASS, DESFire® - ISO 15693 CSN (MyD, I Code, Tag It), ISO 14443A CSN (MIFARE®), iClass SE

30014

HID MULTICLASS SE RPK40 READER WITH KEYPAD



- ▶ Powerfully Secure – provides layered security beyond the card media for added protection to identity data using SIOs
- ▶ Adaptable – interoperable with a growing range of technologies (iCLASS® Seos™ and iCLASS SE® credential platforms, standard iCLASS®, MIFARE®, and MIFARE® DESFire® EV1 with custom data models) and form factors including mobile devices utilizing Seos™
- ▶ Interoperable – Open Supervised Device Protocol (OSDP) for secure, bidirectional communication
- ▶ Streamlined Migration – simultaneous support for 125kHz HID Prox®, Indala®, AWID and EM4102 for seamless migration; field programmable for secure upgrades and extended lifecycle

30016

HID BIOCLASS BIOMETRIC READER/ENROLLER (HID 6180)



- ▶ Reader input voltage: 9-12v DC
- ▶ Current range: 350mA standby/520mA peak
- ▶ Cable distance to host: 50ft (15m) max RS-232
- ▶ 4000ft (1216m) max RS-485
- ▶ 18 Gauge wire 300ft (152m) max Wiegand 22 gauge wire 125ft (60m) max Wiegand
- ▶ Op. temperature: 32°F - +113°F (0°C +45°C)
- ▶ Open collector output: sink 40mA, source 1mA
- ▶ Can be used to enrol fingerprints into 16k ISO card

HID Mobile Access

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30006

HID - ICLASS SE - R10 READER - BLUETOOTH READY



- ▶ 13.56 MHz mullion mount contactless smart card reader (read only)
- ▶ Slim design is perfect for metal mullions or any other space-limited installation
- ▶ Provides a standard Wiegand output
- ▶ Dimensions: 4.83 x 10.26 x 2.03 cm
- ▶ Reads iClass & iClass SE cards

30007

HID - MULTICLASS SE - RP10 READER - BLUETOOTH READY



- ▶ Powerfully Secure – provides layered security beyond the card media for added protection to identity data using SIOs
- ▶ Adaptable – interoperable with a growing range of technologies (iCLASS® Seos™ and iCLASS SE® credential platforms, standard iCLASS®, MIFARE®, and MIFARE® DESFire® EV1 with custom data models) and form factors including mobile devices utilizing Seos™
- ▶ Interoperable – Open Supervised Device Protocol (OSDP) for secure, bidirectional communication
- ▶ Streamlined Migration – simultaneous support for 125kHz HID Prox®, Indala®, AVID and EM4102 for seamless migration; field programmable for secure upgrades and extended lifecycle

30007

HID - MULTICLASS SE - RP10 READER - BLUETOOTH READY



This unique solution enables new iCLASS SE® or multiCLASS SE® readers to activate with a close range "tap" of a smartphone, or from a distance with HID Global's patented "Twist and Go" mode. Active feedback including vibration and sound enhances the user experience when opening doors.

30001	HID - Mobile Access - ID Credential - For 1-20
30001^21	HID - Mobile Access - ID Credential - For 21 or more
30001^51	HID - Mobile Access - ID Credential - For 51 or more
30001^100	HID - Mobile Access - ID Credential - For 100 or more

HID Proximity Readers

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30118

HID PROX POINT PLUS READER WITH BEEPER AND LED (HID 6005B)



- ▶ Sealed, weatherproof polycarbonate enclosure
- ▶ UL 294 listed, CE Mark approved
- ▶ Power requirements: 4.75-16v DC
- ▶ Current requirements: 35-60mA
- ▶ Dimensions: 80 x 43 x 13 mm
- ▶ Complete with LED and Beeper

30112

HID PROX PRO READER WITH KEYPAD (HID 5355K)



- ▶ Provides the same features as the ProxPro reader with a fully integrated keypad

30112	HID - Prox Pro - Reader with Keypad (HID 5355K)
30112FC	HID - Pin Prox - Spare Front Cover
30112R	HID - Pin Prox - Spare Rubbers

30120

HID ENTRY PROX FOR STAND ALONE APPLICATIONS (HID 4045) - INDENT ONLY



- ▶ Single door stand-alone system
- ▶ Needs 12v DC power supply
- ▶ Invalid PIN lockout
- ▶ Batch load by presentation
- ▶ 12-Position keypad
- ▶ Single read mode
- ▶ Block delete
- ▶ Detachable antenna module
- ▶ Optional hand-held printer
- ▶ Each card/keytag is then presented to the reader
- ▶ Reader head can be remotely mounted (through wall)

HID iCLASS & Proximity Cards

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30020 - 30024

HID ICLASS ISO CARD (HID 2000)



- ▶ 13.56 MHz contactless smart card
- ▶ Offers the ability to add a magnetic stripe, barcode, anti-counterfeiting feature, custom artwork or photo ID
- ▶ 2kb standard. Available in 16 or 32kb
- ▶ Meets ISO standards for thickness for use with direct image and thermal transfer printers

30020	HID - iCLASS - ISO Card (HID 2000)
30020C	HID - iCLASS - ISO Card - Customer Selected
30021	HID - iCLASS - ISO Card + Prox Combo (HID 2020)
30022	HID - iCLASS - ISO Card (HID 2010) - 16k
30023	HID - iCLASS - Duo Prox - 125Khz - 13.56Mhz
30024	HID - iCLASS - ISO Card with Mag Swipe

30025

HID ICLASS CLAMSHELL CARD (HID 2080)



- ▶ 2kb only
- ▶ Offers universal compatibility with all HID iCLASS® readers
- ▶ Provides durable packaging and consistent read range
- ▶ Provides an external number for easy identification and control
- ▶ Image printers

30025	HID - iCLASS - Clamshell Card (HID 2080)
30025C	HID - iCLASS - Clamshell Card - Customer Selected

30035 / 30040

HID ICLASS KEY TAG (HID 2050)



- ▶ 2kb tag
- ▶ 16k available in a two or sixteen application area configuration
- ▶ 32k available with 16k memory configured in either 2 or 16 application areas, plus an additional 16k user configurable memory space

30035	HID - iCLASS - Key Tag (HID 2050)
30035C	HID - iCLASS - Key Tag - Customer Selected
30040	HID - iCLASS - Adhesive Tag (HID 2060) - Indent only

30045

BUDDI BANDZ WRISTBAND WITH ICLASS TAG



- ▶ Security wristband for HID iCLASS® credentials
- ▶ Innovative design combined with industry leading credentials technology
- ▶ Ergonomically designed to provide a comfortable, robust and lightweight solution
- ▶ Physically attached to the user for all day comfort. No need for lanyards and dongles - strong, flexible and secure. Just strap it on and go
- ▶ Passive, no battery design. The Buddi Bandz wristband is a great long term solution allowing for 50,000 reads minimum from HID iCLASS® models
- ▶ One year replacement warranty. Customers can rest easy knowing their wristband will be exchanged under warranty – no questions asked, simple

30220

HID PROX CARD II - OFF THE SHELF PROXIMITY ACCESS CARD (HID 1326)



- ▶ Access control card
- ▶ Dimensions: 86 x 54 x 1.8 mm
- ▶ Price competitive with all other card technologies
- ▶ Thin enough to carry in a wallet or purse

30220	HID - Prox Card II - Off the shelf Proximity Access Card (HID 1326)
30220C	HID - Prox Card II - Customer Selected Proximity Access Card (HID 1326)

HID iClass & Proximity Cards

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30222

HID DUO PROX CARD - OFF THE SHELF COMBINATION PROXIMITY (HID 1336)

- ▶ HID Prox card with magnetic swipe strip
- ▶ Standard ISO Prox with magnetic swipe

30222	HID - Duo Prox Card - Off the shelf Combination Proximity (HID 1336)
30222C	HID - Duo Prox Card - Customer Selected Combination Proximity (HID 1336)

30230

HID ISO PROX II - OFF THE SHELF PROXIMITY / PHOTO ID CARD (HID 1386)

- ▶ Slim design (off the shelf)
- ▶ Print photo ID directly onto card

30230	HID - ISO Prox II - Off the shelf Proximity / Photo ID Card (HID 1386)
30230C	HID - ISO Prox II - Customer Selected Proximity / Photo ID Card (HID 1386)

30235

HID PROXPASS ACTIVE PROXIMITY VEHICLE TAG - READS UP TO 2.4 METRES (HID 1351)

- ▶ Reads up to 2.4 metres
- ▶ Active tag
- ▶ Battery operated
- ▶ Gives long range reading
- ▶ 1 Year warranty
- ▶ Minimum quantity 10 up

30224C

HID MICROPROX TAGS - CUSTOMER SELECTED (HID 1391)

- ▶ Small adhesive tag
- ▶ Stick onto existing ID badges or equipment

30225

HID PROX KEY - OFF THE SHELF PROXIMITY KEYFOB (HID 1346)

- ▶ ▶ Proximity keyfob (off the shelf)
- ▶ ▶ Small enough to carry on a key ring
- ▶ ▶ Lifetime warranty

30225	HID - Prox Key - Off the shelf Proximity Keyfob (HID 1346)
30225C	HID - Prox Key - Customer Selected Proximity Keyfob (HID 1346)

30300

SMALL CARD PULL

- ▶ ▶ Enables cards or tabs to clip onto belt



HID Fargo Card Printers & EasyLobby SVM

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30900 - 30907



HID FARGO C50 PLASTIC ID CARD PRINTER & ACCESSORIES

- ▶ Side Printing: Single
- ▶ Print Method: Dye-sublimation / resin thermal transfer
- ▶ Resolution: 300 dpi
- ▶ Print Speed: 24 seconds per card / 150 cards per hour (YMCKO)
- ▶ Card capacity: 50 card input, 30 card output
- ▶ Included Software: Embedded Swift ID® badging application and FARGO® Workbench™ printer maintenance and diagnostic software

30900	HID Fargo C50 Single Sided Card Printer
30905	HID Fargo C50 Single Sided Card Printer Bundle
30906	HID Fargo C50 ECO YMCKO Refill Ribbon, Cleaning Roller
30907	HID Fargo C50 EZ YMCKO Cartridge, Cleaning Roller

30910 - 30917



HID FARGO DTC1250E ID DIRECT-TO-CARD PRINTER / ENCODER & ACCESSORIES

- ▶ Side printing: Single or dual
- ▶ Print method: Dye sublimation / resin thermal transfer
- ▶ Resolution: 300 dpi
- ▶ Print speed: 16 seconds per card / 225 cards per hour (YMCKO)
- ▶ Included Software: Embedded Swift ID® badging application and FARGO® Workbench™ printer maintenance and diagnostic software with Color Assist™ spot-color matching
- ▶ Data protection: AES-256 encryption on the printer over a secure network
- ▶ Card capacity: 100 card input, 30 card output

30910	HID Fargo DTC1250e Card Printer Base Model
30911	HID Fargo DTC1250e Card Printer Base Model, Mag Encoder
30913	HID Fargo DTC1250e Card Printer DS Model, USB
30914	HID Fargo DTC1250e Card Printer DS Model with Ethernet & Print Server
30915	HID Fargo DTC1250e Card Printer Bundle
30916	HID Fargo DTC1250e YMCKO Colour Ribbon, Cleaning Roller
30917	HID Fargo DTC1250e YMCKOK Colour Ribbon, Cleaning Roller

30920 - 30928



HID FARGO DTC4250E ID CARD PRINTER / ENCODER & ACCESSORIES

- ▶ Side Printing: Single or dual
- ▶ Print Method: Dye-sublimation / resin thermal transfer
- ▶ Resolution: 300 dpi
- ▶ Included Software: Embedded Swift ID® badging application and FARGO Workbench™ printer maintenance and diagnostic software with Color Assist™ spot-color matching
- ▶ Print Speed: 16 seconds per card / 225 cards per hour (YMCKO)
- ▶ Data protection: AES-256 encryption on the printer over a secure network
- ▶ Card capacity: 100 card input, 100 card output, 100 card reject with same-side input/output hopper

30920	HID Fargo DTC4250e Card Printer Base Model
30923	HID Fargo DTC4250e Card Printer DS Model
30926	HID Fargo DTC4250e EZ YMCKO Cartridge, Cleaning Roller
30927	HID Fargo DTC4250e EZ YMCKO Half Cartridge, Cleaning Roller
30928	HID Fargo DTC4250e EZ YMCKOK Cartridge, Cleaning Roller

HID Fargo Card Printers & EasyLobby SVM

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30930 - 30938

HID FARGO DTC4500E HIGH CAPACITY PLASTIC CARD PRINTER / ENCODER & ACCESSORIES



- ▶ Side Printing: Single or dual
- ▶ Print Method: Dye-sublimation / resin thermal transfer
- ▶ Resolution: 300 dpi
- ▶ Included Software: Embedded Swift ID® badging application and FARGO Workbench™ printer maintenance and diagnostic software with Color Assist™ spot-color matching
- ▶ Print Speed: 16 seconds per card / 225 cards per hour (YMCKO)
- ▶ Data protection: AES-256 encryption on the printer over a secure network
- ▶ Card capacity: 200 card input (with dual input hopper), 100 card output

30930	HID Fargo DTC4500e Card Printer Base Model, Ethernet, Encoder
30933	HID Fargo DTC4500e Card Printer DS Model, Ethernet, Encoder
30936	HID Fargo DTC4500e EZ YMCKO Cartridge, Cleaning Roller
30937	HID Fargo DTC4500e EZ YMCKO Half Cartridge, Cleaning Roller
30938	HID Fargo DTC4500e EZ YMCKOK Cartridge, Cleaning Roller

30940 - 30948

HID FARGO HDP5000 ID CARD PRINTER / ENCODER & ACCESSORIES



- ▶ Sided Printing: Single or Dual
- ▶ Print Method: HDP Dye-Sublimation / Resin Thermal Transfer
- ▶ Resolution: 300 dpi
- ▶ Print Speed: up to 24 seconds per card / 150 cards per hour (YMC with transfer)
- ▶ Accepted Card Sizes: CR-80

30940	HID Fargo HDP5000 Card Printer Base Model
30943	HID Fargo HDP5000 Printer DS Model
30946	HID Fargo HDP5000 YMCK Ribbon, Cleaning Roller
30947	HID Fargo HDP5000 HDP Film – 1500 images
30948	HID Fargo HDP5000 YMCKK Ribbon, Cleaning Roller

30983 / 30990

HID FARGO CARDS



30983	HID Fargo CR80 Adhesive Paper-Backed Cards - Pack of 500
30990	HID Fargo Blank PVC Cards - Pack of 500

30971 - 30980

HID FARGO CARTRIDGES WITH CLEANING ROLLER



30971	HID Fargo EZ Premium Black with Cleaning Roller – 1000 Images
30972	HID Fargo EZ Standard Black with Cleaning Roller – 1000 Images
30973	HID Fargo EZ Blue with Cleaning Roller – 1000 Images
30974	HID Fargo EZ Green with Cleaning Roller – 1000 Images
30975	HID Fargo EZ Red with Cleaning Roller – 1000 Images
30976	HID Fargo EZ White with Cleaning Roller – 1000 Images
30977	HID Fargo EZ Gold with Cleaning Roller – 1000 Images
30978	HID Fargo EZ Silver with Cleaning Roller – 1000 Images
30979	HID Fargo EZ Gold Metallic with Cleaning Roller – 500 Images
30980	HID Fargo EZ Silver Metallic with Cleaning Roller – 500 Images

HID Fargo Card Printers & EasyLobby SVM

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30991 - 30993



HID FARGO CLEANING KITS

30991	HID Fargo Cleaning Kit - 4 Cleaning Swabs, 10 Cleaning cards for C50, DTC1250e, DTC4250e, DTC4500
30992	HID Fargo Cleaning Cards (double sided), 50 count for C50, DTC1250e, DTC4250e, DTC4500
30993	HID Fargo Cleaning Kit – includes 4 Printhead Cleaning Swabs, 10 Cleaning Cards, 10 Cleaning Pads and 3 Alcohol Cleaning Cards for HDP5000

30999



HID FARGO THERMAL TRANSFER OVERLAMINATE

- ▶ Fargo Thermal Transfer Overlaminates with High Secure Orbit design and Universal orientation
- ▶ 500 count
- ▶ Protect your ID badges with Fargo Overlaminates high security thermal transfer overlay film that features a highly-secure Orbit Holograph Design
- ▶ Thermal transfer film covers your ID badges with a thin clear film that protects them from tampering and forgery as well as everyday use
- ▶ Fargo card printers require specialized Fargo laminate to function properly

32100 - 32104



HID EASYLOBBY

32100	HID EasyLobby SVM (main application) per workstation - Free Administrator™ software for admin/reporting
32102	HID EasyLobby SVM Bundle - one SVM v10 license, one administrator key, a DL scanner, a bar code scanner, and a visitor badge printer with 3,000 adhesive badges
32104	HID EasyLobby SVM Bundle for Schools - one copy of SVM software & one Administrator software (admin/reporting) license
32110	HID EasyLobby Administrator™ (additional licenses) per workstation
32112	HID EasyLobby eAdvance™ (web pre-registration) per web server
32114	HID EasyLobby Satellite™ (check point station) per workstation
32116	HID EasyLobby HL7 interface (hospital patient data) per customer
32118	HID EasyLobby SVM Mobile™ (Wireless PDA/SW) per unit
32120	HID EasyLobby Satellite Mobile™ (Wireless PDA/SW) per unit
32122	HID EasyLobby Package Mobile™ (Wireless PDA/SW)
32124	HID EasyLobby eKiosk™ Web-based self-registration software for iPad/tablet
32126	HID EasyLobby SVM Software Management Agreement
32128	HID EasyLobby eAdvance Software Management Agreement
32130	HID EasyLobby Access Control Integration Software Management Agreement
32132	HID EasyLobby SVM Software Upgrade
32134	HID EasyLobby eAdvance Software Upgrade
32136	HID EasyLobby Access Control Integration Software Upgrade

PosiProx Readers

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30100

POSIPROX R910 4-WIRE INDOOR/OUTDOOR PROX READER



- ▶ In-field firmware upgrade
- ▶ Extreme weather-resistant design
- ▶ Up to 10cm (4in) read range with C702 standard proximity card (Clamshell)
- ▶ Supports the RS-485 output format
- ▶ Tricolor LED display
- ▶ Advanced SwiftRead technology
- ▶ Elegant blue face light
- ▶ R910 V1.00 are not upgradable to V2.10, only V2.00 readers are upgradable to V2.10

30105

POSIPIN R915 4-WIRE SEALED INDOOR/OUTDOOR PROX READER AND KEYPAD



- ▶ Only 4 wires instead of 7 to connect with 4-wire access control modules
- ▶ In-field firmware upgradeable via CONV4USB
- ▶ Adjustable red/green LED intensity and buzzer frequency
- ▶ Extreme weather-resistant design (injected rubber gasket and PCB cover)
- ▶ Tricolor LED display

30160

NANOPROX CARD READER



- ▶ Reads HID 125kHz and Posiprox cards
- ▶ Unlocked 3 badge latch and timed latch
- ▶ Door contact input (normally closed), request to exit input (normally open)
- ▶ Forced door output when used in input modes (no comms)
- ▶ Program using multiple master programming cards
- ▶ Programmable door open too long, pre alarm and unlock time

PosiProx Cards

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30202

PARADOX POSIPROX STANDARD PROX CARD



- ▶ Vertical slot for clip attachment
- ▶ Durable PVC housing (white)
- ▶ 26 bit
- ▶ Read range up to 6cm

30202	Paradox - PosiProx - Standard Prox Card - Off the shelf
30202C	Paradox - PosiProx - Standard Prox Card - Customer Selected

30210

POSIPROX PROXIMITY KEY TAG



- ▶ Read range up to 6cm
- ▶ Key hole attachment provided

30210	Paradox - PosiProx - Proximity Key Tag - Off the shelf
30210C	Paradox - PosiProx - Proximity Key Tag - Customer Selected

30215

MAGELLAN RF REMOTE & INTEGRATED TAG



- ▶ Water resistant, stylish clear blue plastic with backlight for buttons
- ▶ Perform up to 5 different actions
- ▶ Wireless range in a typical residential environment:
 - 30m (100ft) with MG6160/MG6130
 - 45m (150ft) with MG5000/MG5050
 - 60m (200ft) with RTX3
- ▶ Built-in access card (present remote control to a reader like an access card)

30300

SMALL CARD PULL



- ▶ Enables cards or tags to clip onto belt

Wireless Access, Standalone Access & Keypads

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30070 - 30074

MICROLATCH CHANNEL RECEIVERS



- ▶ Indicators: On Keeloq™ Reception – Red LED,
On Wiegand Transmission – Green LED
- ▶ Current consumption @ 12v DC 10mA maximum
- ▶ Physical dimensions: 85 (L) x 65 (W) x 32 (H) mm
- ▶ ABS plastic case material
- ▶ 4 Output channels
- ▶ 433.92MHz RF operating frequency
- ▶ Code hopping (Keeloq™) AM ASK Superheterodyne for RF signal type
- ▶ Conform to wiegand standard
- ▶ EMC tested and approved. CE and C-Tick compliance
- ▶ Complies with AS/NZS 4268:2003, AS/NZS 4251.1:1999

30070	MicroLatch REC-20 Wiegand 4 Channel Receiver
30071	MicroLatch External Antenna
30072	MicroLatch REC-14 4 Channel Receiver with 4 Relay Outputs - 4 x Onboard SPDT Relays
30073	MicroLatch REC-28 2 Channel Receiver, Provides 2 Relay Outputs with Pulsed, Timed/ Latched Outputs
30074	MicroLatch Blister Pack: 1 x REC-28 Receiver and 2 x 30076 Slide Cover 2 Button Transmitters

30078 - 30083

MICROLATCH BUTTON KEYFOB TRANSMITTERS



The below keyfob transmitters send all button Wiegand data through channel 1 on the REC-20 Wiegand receiver, thus producing a more simplified and cost effective solution when used with an access control system.

- ▶ Keeloq encrypted code hopping data transmission
- ▶ 26 Bit Wiegand data
- ▶ 433.92 MHz
- ▶ Min. 30m RF range (environment dependent)

30078	MicroLatch 2 Button Keyfob Transmitter with Slide Cover - 2 Wiegand Channels
30079	MicroLatch 2 Button Keyfob Transmitter with HID Proximity Chip - 2 Wiegand Channels
30082	MicroLatch 4 Button Keyfob Transmitter with Slide Cover - 4 Wiegand Channels
30083	MicroLatch 4 Button Keyfob Transmitter with HID Proximity Chip - 4 Wiegand Channels

25307

26 BIT WIEGAND KEYPAD (EASYKW)



- ▶ 26 Bit Wiegand Keypad (EASYKW) - Anti-vandal metallic, fully potted water-resistant casing (IP65)

30215

PARADOX - MAGELLAN - RF REMOTE & INTEGRATED TAG



- ▶ Water resistant, stylish clear blue plastic with backlight for buttons
- ▶ Perform up to 5 different actions
- ▶ Wireless range in a typical residential environment:
 - 30m (100ft) with MG6160 / MG6130
 - 45m (150ft) with MG5000 / MG5050
 - 60m (200ft) with RTX3
- ▶ Available in 433MHz or 868MHz
- ▶ Built-in access card. Present remote control to a reader like an access card

30695

LOCKWOOD - 530DXSC - DIGITAL LOCKSET



The factory set 5 digit code is easily changed to any 4, 5 or 6 digit code using the code changing kit provided with each lock. Lockwood Digital DX Locksets are designed to control access into commercial areas, especially when frequent combination changes are needed to maintain security.

As the digital lockset utilizes mechanical operation, electrical wiring is not required. Selected locksets combined with digital access pads provide keyless entry.

Wireless Access, Standalone Access & Keypads

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75810 - 75816



PRESKO PRE KEYPAD MODEL

- Connects to all Presco controllers and is weather resistant

75810	Presco P2 Keypad and Controller - 125 User Codes
75812	Presco P6 Keypad and Controller - 29 User Codes, 5 Outputs Plus Duress
75814	Presco PAC 1 with PRE Keypad - 400 User Codes, Plus REX Input
75816	Presco PRE Keypad Model - Connects to Any Presco Controller

75815



PRESKO PAC 1 CONTROLLER ONLY

- 400 Users
- 10 readers can be connected to each PAC
- Split system for maximum security
- System uses low cost non-shielded cable
- 12 to 24 Volts DC, 16 to 24 Volts AC
- Heavy duty relay contacts for door control
- Non-volatile memory will store all information for 10 years without power
- 1 minute lockout after 5 invalid attempts at entering a code (programmable)
- Door Open Too Long (DOTL) facility
- Door Forced Open detection
- Automatic Re-lock feature
- Accepts N.O or N.C Request To Exit (RTE) devices
- Accepts Fail Safe or Fail Secure locking devices
- Programmers code facility

75818



PRESKO KC2 P2 CONTROLLER ONLY

- Split system for maximum security
- Two 1 Amp SPDT relay outputs
- One way code for OUI activation only
- Emergency and Duress output feature
- 125 client programmable user codes
- Code digits can repeat, i.e. 12321. 3 to 7 digit management and user codes
- Minimum 19 million possible user code combinations
- Up to 10 keypads can be connected to one decoder
- 10 year non volatile memory
- Operating Temperature Range: 0°C to 70°C

75820



PRESKO PAC 2 CONTROLLER ONLY

- 400 Users
- 10 readers can be connected to each PAC
- Split system for maximum security
- System uses low cost non-shielded cable
- 12 to 24 Volts DC, 16 to 24 Volts AC
- Heavy duty relay contacts for door control
- Non-volatile memory will store all information for 10 years without power
- 1 minute lockout after 5 invalid attempts at entering a code (programmable)
- Door Open Too Long (DOTL) facility
- Door Forced Open detection
- Automatic Re-lock feature
- Accepts N.O or N.C Request To Exit (RTE) devices
- Accepts Fail Safe or Fail Secure locking devices
- Programmers code facility

75822



PRESKO VR43 VANDAL RESISTANT KEYPAD - STANDARD STYLE

- Vandal and weather resistant (standard style) keypad that is compatible with all Presco controllers
- Operating temperature range of -20°C to 70°C
- 5-14VDC
- Rear cable mount 26mm
- IP67 Rated
- Resistant to saline mist

75823



PRESKO VR62 SLIM VANDAL RESISTANT KEYPAD - ARCHITRAVE STYLE

- Vandal and weather resistant (architrave style) keypad that is compatible with all Presco controllers
- Operating temperature range of -20°C to 70°C
- 5-14VDC
- Rear cable mount 26mm
- IP67 Rated
- Resistant to saline mist

ACTatek Time & Attendance Units

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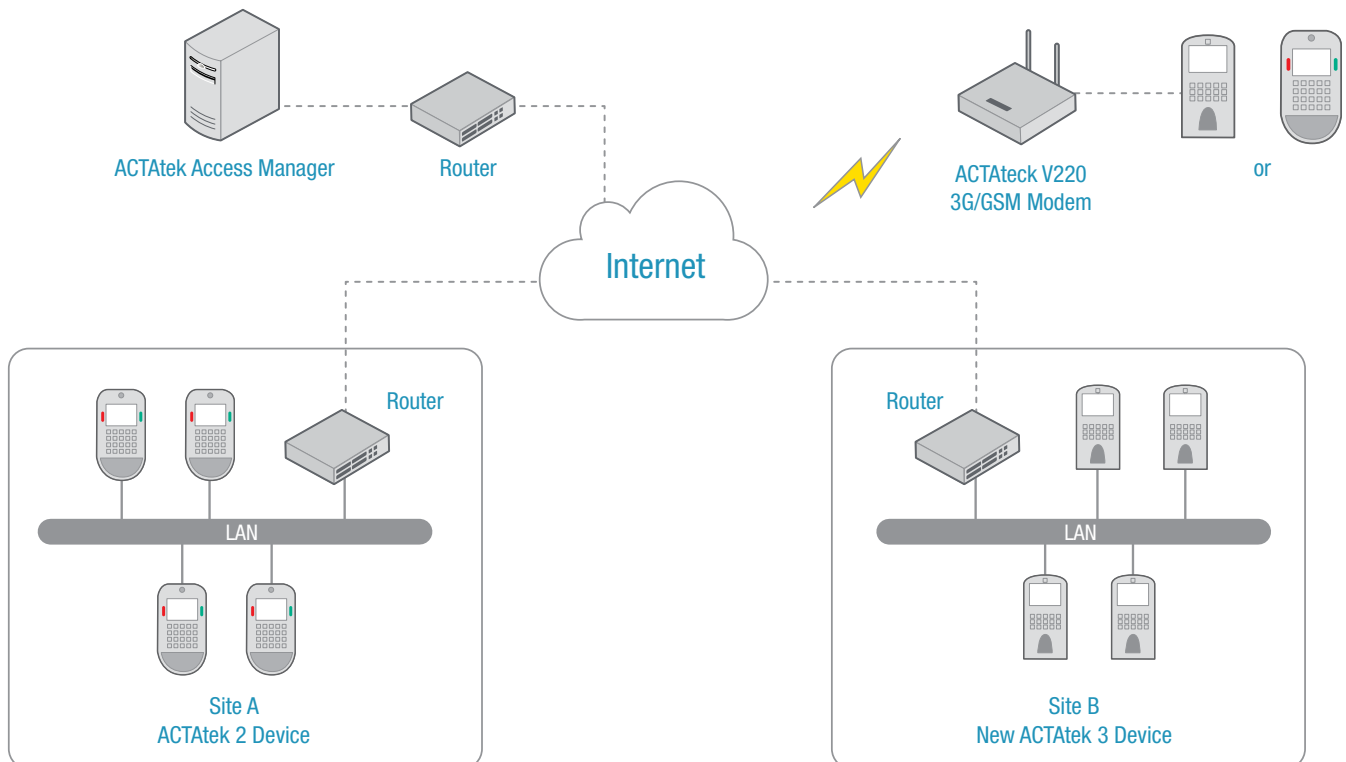
30190 / 91

ACTATEK TIME & ATTENDANCE UNITS



- ▶ Color TFT display-Graphic LCD, Multi color LED and multi-tone buzzer for intuitive user interface
- ▶ Slim and elegant design- Slick and Slim design for narrow spaces
- ▶ New Users friendly keypad- support 4 Function Keys to user-defined functions
- ▶ TCP/IP technology :Robust and scalable for enterprise-wide deployment or operation as standalone
- ▶ IP65 Waterproof rating:Outdoor Fingerprint +Smart Card device
- ▶ SSL encryption:Communication between units & browser
- ▶ Support Card:MiFare, HID Pro./ iClass, EM, Legic, Sony Felica, CEPAS(Singapore) ,Barcode card
- ▶ Five Modes of authentication

30190	ACTatek iClass Reader only
30191	ACTatek Fingerprint only
TBA	ACTatek iClass Reader & Fingerprint Unit
TBA	ACTatek ID & Fingerprint Unit
TBA	ACTatek ID & PIN Unit





Locking Solutions

ASSA ABLOY products are created to meet the market demands, supplying the commercial, semi-commercial and residential markets with premium quality products that are functional yet dynamic in their design.

LOCKS & DOOR HARDWARE:

- ▶ Electromagnetic (Mag) Locks
- ▶ Electric Mortice Locks System Architecture
- ▶ Electric Mortice Locks
- ▶ Drop Bolt & Strike Locks
- ▶ Door Loops, Request to Exit Buttons etc

Lockwood Solutions

Lockwood has a well-established reputation for high quality products, this iconic brand provides a wide range of locking solutions to residential housing, commercial building and industrial application markets, supported by an extensive distribution and after-sales support network. Lockwood customers include retailers, architects, trade and industrial personnel, locksmiths and security dealers.

Trimec Solutions

Since 1990 Trimec Technology has been supplying superior products to the access control industry. The mainstay of the early business was the ES2000 which was revolutionary in design, being the first strike to be interchangeable from Fail Safe to Fail Secure.

Electromagnetic (Mag) Locks

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30402 - 30414

EM-750-R MEDIUM STAINLESS STEEL MAG LOCK

- ▶ Surface or face mount electromagnets for light doors, general traffic control and emergency exits
- ▶ Stainless steel housing of waterproof quality for indoor or external applications
- ▶ 800lbs of holding force with magnetic bond sensing

30402	Mag Lock - 10003M - Micro Stainless Steel Mount - 12VDC - 500mA - 300lb
30404	Mag Lock - EM-750-R - Medium Stainless Steel - 12VDC - 350mA - 800lb with Bond Sensing
30410	Mag Lock - L&Z Bracket - LZ-150 - for Micro Magnet
30414	Mag Lock - Z Bracket Z-750 - for EM-750

30800 - 30806

TRIMEC 1300LB MAG LOCK WITH MBS

- ▶ 12vDC or 24vDC selectable voltage
- ▶ 1300lb (600kg) holding force
- ▶ Magnetic bond sense output
- ▶ Keyhole mounting slots for easy installation

30800	Trimec - 770600-010 - 1300lb Z8 Mag Lock MBS
30801	Trimec - 770600-012 - 1300lb Z8 Mag Lock MBS+DPS
30802	Trimec - 770600-110 - 1300lb Double Z8 Mag Lock MBS
30803	Trimec - 770600-112 - 1300lb Double Z8 Mag Lock MBS+DPS
30805	Trimec - 770600-901 - L&Z Bracket for Z8 Mag Locks
30805D	Trimec - 770600-902 - L&Z Brackets for Double Z8 Mag Locks
30806	Trimec - 770600-905 - Glass Door U Bracket for Z8 Mag Locks

30808

TRIMEC 770600-310 1200LB WEATHER RESISTANT MAG LOCK

- ▶ Fail-safe: unlocks when power is removed
- ▶ Easy installation: suitable for both new and retrofit usage
- ▶ High holding force: refer to the technical data overleaf
- ▶ Self-alignment: armature plate pivots to accommodate door drop
- ▶ Silent operation: no humming or buzzing
- ▶ Dual voltage: site selectable 12 or 24vDC
- ▶ Monitored versions: hall-effect status monitoring available on some models
- ▶ Instantaneous release: smart electronics on the Z series eliminate residual magnetism

30811 / 15 / 16

TRIMEC - 770300-012 500LB MAG LOCK WITH MBS

- ▶ Fail-safe: unlocks when power is removed
- ▶ Easy installation: suitable for both new and retrofit usage
- ▶ High holding force: refer to the technical data overleaf
- ▶ Self-alignment: armature plate pivots to accommodate door drop
- ▶ Silent operation: no humming or buzzing
- ▶ Dual voltage: site selectable 12 or 24 Vdc
- ▶ Monitoring: Reed Switch monitoring on all models. Hall-Effect monitoring on Z4 and Z8 models.
- ▶ Instantaneous release: smart electronics on the Z Series Electromagnets eliminate residual magnetism

30811	Trimec - 770300-012 - 500lb Z4 Mag Lock with MBS
30815	Trimec - 770300-901 - L&Z Bracket for Z4 Mag Lock
30816	Trimec - 770300-905 - Glass Door U Bracket for Z4 Mag Lock

30818

TRIMEC - LT770300-210 - RECESSED Z4 MAG LOCK

- ▶ Size: (L)182 x (H)39 x (D)25
- ▶ Holding Force: 250kg - 280kg
- ▶ Current Draw: 450mA (12vdc) 225mA (24vdc)
- ▶ Suitable For: Sliding Door - Aluminium.
- ▶ Monitoring: Hall Effect (Door Locked)

Electromagnetic (Mag) Locks

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30820 / 25



TRIMEC - 770150-010 - 220LB Z2 MAG LOCK WITH MBS

- ▶ 12v DC or 24v DC selectable voltage
- ▶ 220lb (100kg) holding force
- ▶ Magnetic bond sense output
- ▶ Dimensions: 170 (L) x 40 (H) x 20 (W) mm

30820	Trimec - 770150-010 - 220lb Z2 Mag Lock with MBS
30825	Trimec - 770150-901 - L&Z Bracket for Z2 Mag Lock

31002 / 03 / 04



SECURITRON - MM15DT - E-MAG LOCK - HOLDING FORCE 4000L/B

- ▶ 4000lbs holding power
- ▶ Mounting plate for easy, accurate installation
- ▶ Automatic dual voltage (12/24v)
- ▶ Accepts AC or DC current
- ▶ Fail Safe
- ▶ Ideal for mental health care and auxiliary detention facilities and other high-risk locations
- ▶ MagnaCare lifetime replacement. No fault warranty

31002	Securitron - MM15DT - E-Mag Lock - Holding Force 4000L/B
31003	Securitron - Z-MM15CL - Bracket for MM15 (31002)
31004	Securitron - HEB-1CL-MM15 - Header Extension Bracket for MM15 (31002)

31030



SECURITRON - UNL-12 - UNLATCH

- ▶ No cutting or altering of the jamb required
- ▶ Releases under preload
- ▶ Supports deadlatch function
- ▶ Fits standard ANSI 4-7/8in. strike cutout
- ▶ Motor driven action
- ▶ Latch status sensor included (SPDT)
- ▶ MagnaCare lifetime replacement. No fault warranty

31031



SECURITRON - MUNL-12 - MORTICE UNLATCH

- ▶ No cutting or altering of the jamb required
- ▶ Releases under preload
- ▶ Fits standard ANSI 4-7/8in. strike out
- ▶ Motorized, no solenoids
- ▶ Fully concealed installation
- ▶ Maintains dead-latch function at all times
- ▶ Continuous duty
- ▶ Latch status sensor is standard

31040



SECURITRON - GL1 - 2000L/B GATE LOCK - FAIL SAFE

- ▶ 2000lbs. holding force
- ▶ Operates under pre-load up to 100lbs.
- ▶ Automatic dual voltage - no field adjustment required
- ▶ Field-selectable fail safe
- ▶ Manual key override (right or left hand)
- ▶ Self-aligning receiver (+/- 1/2in. horizontally) helps compensate for gate misalignment and sag
- ▶ Tamper resistant cast aluminium housing
- ▶ Latch status monitor switch (SPDT)
- ▶ Heavy wall 1/2in. inside diameter threaded steel coupling
- ▶ Hardened steel latch and pin standard
- ▶ Surface mount
- ▶ MagnaCare lifetime replacement. No fault warranty

31040FS / 31041



SECURITRON - GL1 - 2000L/B GATE LOCK - FAIL SECURE

- ▶ 2000lbs. holding force
- ▶ Operates under pre-load up to 100lbs.
- ▶ Automatic dual voltage - no field adjustment required
- ▶ Self-aligning receiver (+/- 1/2in. horizontally) helps compensate for gate misalignment and sag
- ▶ Tamper resistant cast aluminium housing
- ▶ Latch status monitor switch (SPDT)
- ▶ Heavy wall 1/2in. inside diameter threaded steel coupling
- ▶ Surface mount, hardened steel latch and pin standard
- ▶ MagnaCare lifetime replacement. No fault warranty
- ▶ Field-selectable fail secure
- ▶ Manual key override (right or left hand) Black finish

31040FS	Securitron - GL1 - 2000lb Gate Lock - Fail Secure
31041	Securitron GMC Key Override for Fail Secure GL1

Electric Mortice Locks System Architecture

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3570 Series Electric Mortice Lock

Ordering Procedure

Sample Part Number 3572ELAM2RSC is made up of several sections.
Choose your product by selecting an option from each section.

For example:

Backset	Fixing	Lock Functions	Electric Lock	Safety Function	Sub Function	Handing	Finish
3	5	72	EL	A	M2	R	SC

Backset	Lock Functions	Safety Function	Right Handing
60 mm	Primary lock	Fail Safe (Power to lock)	Right Handing
89 mm	Vestibule lock	Fail Secure (Power to unlock)	Left Handing
127 mm	Combination lock		
	Secure Area Rated Lock		

Fixing	Electric Lock	Sub Function	Finish
Standard	Electric Lock	Non-monitored lock (0 Cylinders)	Satin Chrome
		Non-monitored lock (1 Cylinders)	Chrome Plate
		Non-monitored lock (2 Cylinders)	Polished Brass
		Fully monitored lock including KOM (0 Cylinders)	
		Fully monitored lock including KOM (1 Cylinder)	
		Fully monitored lock including KOM (2 cylinders)	
		KOM- (Key override monitored)	

3580 Series Electric Mortice Lock

Ordering Procedure

Sample Part Number 3582ELAM2RSC62 is made up of several sections.
Choose your product by selecting an option from each section.

For example:

Backset	Door Material	Lock Function	New Product	Safety Function	Sub Function	Handing	Finish	Options
3	58	2	EL	A	M2	R	SC	62

Backset	Lock Function	Safety Function	Handing
23 mm	Vestibule lock	Fail Safe (Power to lock)	Right Handing
25.4 mm	Combination Lock	Fail Secure (Power to unlock)	Left Handing
30 mm			
38 mm			

Door Material	New Product	Sub Function	Finish
Metal	EL	Non-monitored lock (0 Cylinders)	Bright Chrome
Timber		Non-monitored lock (1 Cylinder)	Polished Brass
		Non-monitored lock (2 Cylinders)	Satin Chrome
		Monitored Lock (0 Cylinders)	
		Monitored Lock (1 Cylinder)	
		Monitored Lock (2 Cylinders)	
		Monitored Lock including KOM (0 Cylinder)	
		Monitored Lock including KOM (1 Cylinder)	
		KOM- (Key override monitoring)	

Options
24 volt model

Electric Mortice Locks

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30620 - 30632



LOCKWOOD 3570 SERIES MORTICE LOCKS

- ▶ Dead latched and Locked
- ▶ Door position/Reed switch
- ▶ Dual key override monitoring
- ▶ Request to exit/REX
- ▶ LED indication
- ▶ Fail safe/fail secure configuration
- ▶ Multi-voltage - will work on 12-24 Vdc systems
- ▶ Hanging - left hand and right hand doors
- ▶ Selection of free lever or locked lever on both sides of the door
- ▶ Key override monitoring either side of the door
- ▶ Monitoring contacts - normally closed, normally open (for key override and request to exit only)

30620	Lockwood - 3570ELM0SC - Mortice Lock - No Cylinder - Fail Safe/Fail Secure - Monitored
30621	Lockwood - 3570ELM1SC - Mortice Lock - 1 Cylinder - Fail Safe/Fail Secure - Monitored
30622	Lockwood - 3570ELM2SC - Mortice Lock - 2 Cylinders - Fail Safe/Fail Secure - Monitored
30625	Lockwood - 3570ELN0SC - Mortice Lock - No Cylinder - Fail Safe/Fail Secure - Non-Monitored - Indent only
30626	Lockwood - 3570ELN1SC - Mortice Lock - 1 Cylinder - Fail Safe/Fail Secure - Non-Monitored
30630	Lockwood - Cylinder & Keys for Mortice Locks
30632	Lockwood - Mortice Lock Adaptor 9 Pin to 12 Pin

30640 - 30646



LOCKWOOD FURNITURE OPTIONS FOR 3570 SERIES

30640	Lockwood - 1905/70SC - Internal Plate & Lever - 60mm Backset
30641	Lockwood - 1805/70SC - External Plate & Lever - 60mm Backset
30642	Lockwood - 1801/70SC - External Plate & Lever with Cylinder Hole - 60mm Backset
30643	Lockwood - 1922/70SC - Internal Plate - Lever & LED - 60mm Backset
30644	Lockwood - 1820/70SC - External Plate - Lever & LED - 60mm Backset
30645	Lockwood - Internal Plate & Lever with Cylinder Hole 1901/70SC
30646	Lockwood - 32mm Rebate Kit for 3572 Mortice Locks

30695



LOCKWOOD 530DXSC DIGITAL LOCKSET

- ▶ 13mm Projection deadlatch
- ▶ 35 to 45mm Door thickness
- ▶ 60, 70 and 127mm Latches available
- ▶ Satin chrome brushed (SC)
- ▶ Also available in double keypad version, which provides a keypad on each side of the door

30696



YALE SYDM3109 DIGITAL DOOR LOCK

- ▶ Various access - by proximity card identification, PIN code or key for your convenience
- ▶ Easy registration of cards
- ▶ Missing card invalidation
- ▶ Scrambling code minimizing the chance of exposing your PIN
- ▶ Mechanical cylinder applied with key override
- ▶ Break-in damage alarm
- ▶ Automatic locking (manually set)
- ▶ Anti-panic egress
- ▶ Safe handle (ideal for small children)
- ▶ Low battery warning and emergency power supply

Electric Mortice Locks

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30720 - 30727

LOCKWOOD 3580 NARROW BACKSET SERIES ELECTRIC MORTICE LOCKS



- ▶ Dead latched
- ▶ Door position/reed switch
- ▶ Key override
- ▶ Request to exit/REX
- ▶ Fail safe or fail secure
- ▶ 12Vdc or 24Vdc
- ▶ Field changeable monitoring contacts - normally closed, normally open
- ▶ Field changeable handing - Left hand and right hand doors
- ▶ Selection of free lever or locked lever on both sides of the door
- ▶ Key override monitoring
- ▶ LED indication

30720	Lockwood - 3582ELAM0LSC - Electric Mortice Lock - Narrow Backset - No Cylinder - Fail Safe
30721	Lockwood - 3582ELAM1LSC - Electric Mortice Lock - Narrow Backset with Cylinder - Fail Safe
30723	Lockwood - 3582ELAM4LSC - Electric Mortice Lock - Narrow Backset with Monitored Cylinder - Fail Safe
30725	Lockwood - 3582ELENORSC - Electric Mortice Lock - Narrow Backset - Non Monitored - Fail Secure
30726	Lockwood - 3582ELEMORSC - Electric Mortice Lock - Narrow Backset - Monitored - Fail Secure
30727	Lockwood - 5582ELAM0LSC - Electric Mortice Lock - 30mm Extended Backset - Monitored - Fail Safe

30728

LOCKWOOD 5582ELEM0LSC ELECTRIC MORTICE LOCK



- ▶ 30mm backset
- ▶ Operated by key or handle outside or by turnsnib, key or handle inside
- ▶ Cylinder or handle retracts the latch
- ▶ Suits door thickness 32-50mm
- ▶ 15mm stainless steel reversible latchbolt
- ▶ Easily adapted to most function
- ▶ Supplied less cylinder
- ▶ Compatible to most restricted keying systems
- ▶ Electric strike compatibility
- ▶ 23mm, 25.4mm and 38mm backsets also available
- ▶ Finished in satin chrome

30729

LOCKWOOD 6582ELAM0LSC ELECTRIC MORTICE LOCK



- ▶ 38mm backset
- ▶ Operated by key or handle outside or by turnsnib, key or handle inside
- ▶ Cylinder or handle retracts the latch
- ▶ Suits door thickness 32-50mm
- ▶ 15mm stainless steel reversible latchbolt
- ▶ Easily adapted to most function
- ▶ Supplied less cylinder
- ▶ Compatible to most restricted keying systems
- ▶ Electric strike compatibility
- ▶ 23mm, 25.4mm and 30mm backsets also available
- ▶ Finished in satin chrome

30730 - 30748

LOCKWOOD FURNITURE OPTIONS FOR 3580 SERIES



30730	Lockwood - 3580-36SC - Long Face Plate
30745	Lockwood - 4905/70SC - Internal Plate & Lever - 23mm Narrow Backset
30747	Lockwood - 4801/70SC - External Plate & Lever with Cylinder Hole - 23mm Narrow Backset
30748	Lockwood - 4805/70SC - External Handle - No Cylinder Hole

Drop Bolt & Strike Locks

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30450

TRIMEC ES100 WATER RESISTANT STRIKE



- ▶ Power to lock/power to open - changeable on site
- ▶ Stainless steel striker extra strength for latch
- ▶ Extra security 3 hardened locking pins
- ▶ Continuously rated solenoid can be continuously powered
- ▶ Optional mounting kit easy to use
- ▶ Installation template - easy to use stick-on template for faster installations
- ▶ IP56 weather resistant option available
- ▶ ES100 suitable for 15 mm (5/8") latch
- ▶ ES110 suitable for 18 mm (3/4") latch with a 3mm door gap

30450	Trimec ES100 Short Plate - 110111-060 - Field Selectable, Fail Safe/Secure, Waterproof
30450L25	Trimec 25mm Lip Extension for ES100
30450L50	Trimec 50mm Lip Extension for ES100

30469

TRIMEC ES200 STAINLESS STEEL NON-MONITORED STRIKE LOCK



- ▶ Power to lock/power to open - changeable on site
- ▶ High security tamper resistant to all known techniques
- ▶ 4 Hour fire rating
- ▶ Installation template - easy to use stick-on template for faster installations
- ▶ Body depth only 27mm
- ▶ Cast stainless steel body
- ▶ Extra security 3 hardened locking pins
- ▶ Low current max 175mA at 12 volts DC
- ▶ Continuously rated solenoid - solenoid can be continuously powered
- ▶ Flexible cable exit interchangeable rear and side
- ▶ Optional mounting kit reduces installation time

30652

TRIMEC ES600SHL MONITORED HOOK LOCK



- ▶ 1350kg (3000lb) holding force
- ▶ Protrudes only 40mm into door headroom
- ▶ Operates and releases freely with up to 545kg (1200lb) of side load
- ▶ Anti-tamper
- ▶ Door position/latch monitor
- ▶ Will self latch without power for fire applications
- ▶ Stainless steel lock components and strike plate
- ▶ Can be mounted vertically or horizontally
- ▶ Automatic selection of 12v DC or 24v DC with back EMF and reverse polarity protection

30652	Trimec ES600SHL Monitored Hook Lock
30652M	Trimec ES6001MHL Mortice Hook Lock Fail Safe

30454 / 52

TRIMEC ES9000 PRE-LOAD MULTI FUNCTION STRIKE



- ▶ Operates under Pre load up to 25kg
- ▶ Easy field selectable fail safe/fail secure
- ▶ Multi voltage 12v-24v
- ▶ Full monitoring
- ▶ Continuously Rated Solenoid
- ▶ Latch keeper is significantly quieter in operation
- ▶ Mounting tabs as standard
- ▶ Non handed - field changeable to required configuration
- ▶ Australian designed and made

30454	Trimec ES9000 Pre-Load Multi Function Strike
30452L25	Trimec 25mm Lip Extension for ES9000
30452L50	Trimec 50mm Lip Extension for ES9000

30453

TRIMEC TS151 RIM LOCK - FAIL SAFE



- ▶ Configure to fail safe or fail secure
- ▶ Easy installation suitable for steel and wooden door frames
- ▶ Stainless steel striker for extra strength and durability
- ▶ Available in 12Vdc
- ▶ Solenoid rated for continuous use
- ▶ IP56 weather resistant version available
- ▶ Australian designed
- ▶ TRICARE® 5 Year Warranty

Drop Bolt & Strike Locks

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30456 / 57

INTERLOCK IRDL ROLLER DOOR LOCK



- ▶ Multi-voltage input (12-24VDC)
- ▶ Multiple locking attempts with fail alarm
- ▶ Selectable automatic locking upon door closure
- ▶ Selectable Fail Safe/Fail Secure
- ▶ Bolt position sensors
- ▶ Concealed wiring through the base or via a 20mm wiring gland (not supplied)
- ▶ Key secured cover
- ▶ Floor or wall mounting
- ▶ Designed and assembled in New Zealand

30456	Interlock IRDL Roller Door Lock
30457	Interlock IRDL Roller Door Lock - IP65 Version

30460

LOCKWOOD EL110 CABINET LOCK - FAIL SAFE TL111



- ▶ Fail safe/fail secure changeable on site
- ▶ Flexible alignment: has a 5mm XY adjustment after installation
- ▶ Low current consumption: uses only 187mA @ 12Vdc
- ▶ Available in 12Vdc
- ▶ Self latching in fail secure mode
- ▶ Solenoid rated for continuous use
- ▶ TRICARE® 5 Year Warranty

30680 - 30688

TRIMEC TB25PTL DROP BOLT



- ▶ High Security. Bolt is deadlocked in the extended position
- ▶ Bolt position monitored
- ▶ Door position monitor with integrated magnet into the strike plate (no need to install a separate reed switch)
- ▶ Multiple Orientation, drop bolts will work horizontally or vertically
- ▶ Power to Lock/ Power to Open
- ▶ Continuously Rated Solenoid
- ▶ Tamper Proof. Lock cannot be defeated by slipping a metal object between lock and striker plate
- ▶ Intelligent Electronics. These intelligent bolts will attempt to re-close the bolt 8 times, allowing time for swing through doors to settle in the closed position
- ▶ Thermal Protection. In the event of solenoid overheat, a thermal fuse will operate, eliminating any fire risk

30680	Trimec TB25PTL Drop Bolt
30682	Trimec TB38PTL 38mm Drop Bolt
30685	Trimec EB25LSP Long Strike Plate for Drop Bolt
30686	Trimec EB25Box Housing for Drop Bolt
30687	Trimec EB25STRIKEBKT Bracket for Drop Bolt
30688	Trimec IB25DP Dress Plate for IB25 Drop Bolt

30690 / 91

TRIMEC TS8001 V-LOCK - FAIL SAFE



- ▶ Side Load - Pre Load Capable
- ▶ Lock will unlock with up to 15kg of side pressure, when wired in 3 wire mode. (1 x Permanent Power, (positive 12-24Vdc) wire. Negative (0 volt return) wire, and 1 x Switching input (positive 12-24Vdc) wire)
- ▶ Door misalignment of up to 3.5mm +/-
- ▶ Power to Lock (Fail Safe) / Power to Open (Fail Secure) field configurable
- ▶ High torque Motorised locking and unlocking (3 wire mode)
- ▶ High Speed Operation. Unlocks in less than 1 second
- ▶ Surface Mount Accessory Kit. Ideal for 180° swing through glass door applications
- ▶ Multiple Orientation - Interior Doors Can be mounted vertically or horizontally (For exterior doors due to possible water ingress the ES8000 must be mounted horizontally)

30690	Trimec TS8001 V-Lock - Fail Safe
30691	Trimec Glass Door Kit for ES8000 V-Lock

Drop Bolt & Strike Locks

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30670

INTERLOCK COBALT ICBSA SINGLE ACTION ELECTRONIC SIDE LOAD LOCK



- ▶ Mortice or surface mount, horizontally or vertically
- ▶ Misalignment of up to +/- 8mm is corrected
- ▶ The door can have in excess of 100kg being applied and it will still release instantly when requested
- ▶ The locking cams automatically deadlock
- ▶ 10,000N holding force (1,000kg)
- ▶ Two, 10mm thick stainless steel locking cams
- ▶ Convert from fail safe to fail secure by repositioning a single jumper
- ▶ Door and bolt position switched outputs
- ▶ Input voltage from 12v DC – 24v DC (+/- 15%)
- ▶ Less than 50mA standby current
- ▶ Built in reverse polarity and transient protection
- ▶ Multiple attempts to lock
- ▶ Glass, timber and aluminium doors

30670	Interlock COBALT ICBSA Single Action Electronic Side Load Lock
30670SMH	Surface Housing for COBALT ICBSA Single Action Electronic Side Load Lock
30670DP	Dress Plate for COBALT Single Action Surface Housing

30671

INTERLOCK COBALT ICBDA DOUBLE ACTION ELECTRONIC SIDE LOAD LOCK



- ▶ Mortice or surface mount, horizontally or vertically
- ▶ Misalignment of up to +/- 8mm is corrected
- ▶ The door can have in excess of 100kg being applied and it will still release instantly when requested
- ▶ The locking cams automatically deadlock
- ▶ 10,000N holding force (1,000kg)
- ▶ Two, 10mm thick stainless steel locking cams
- ▶ Convert from fail safe to fail secure by repositioning a single jumper
- ▶ Door and bolt position switched outputs
- ▶ Input voltage from 12v DC – 24v DC (+/- 15%)
- ▶ Less than 50mA standby current
- ▶ Built in reverse polarity and transient protection
- ▶ Multiple attempts to lock
- ▶ Glass, timber and aluminium doors

30671	Interlock COBALT ICBDA Double Action Electronic Side Load Lock
30671SMH	Surface Housing for COBALT ICBDA Double Action Electronic Side Load Lock
30671DP	Dress Plate for COBALT Double Action Surface Housing

Door Loops, Request to Exit Buttons etc

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30350

LOCKWOOD 2024BC DOOR CLOSER



- ▶ Adjustment: Independent valves control closing and latching speeds which can be readily adjusted on site when required
- ▶ Power: EN power selectable 2 to 4
- ▶ Back check (BC): Available in this series, specify BC if required. Back check cushions or slows the door prior to reaching final opening position
- ▶ Hold Open: Adjustable. Hold-open can be set at any angle up to 130° of opening
- ▶ Hanging: Non-handed. Suitable for left or right hand doors
- ▶ Hold-Open: Available in this series, specify HO. Hold-open option is not approved on any fire door
- ▶ Materials: High purity die cast aluminium housing with hardened steel rack pinion mechanism
- ▶ Mechanism: Rack and pinion design
- ▶ Mounting: Regular, parallel and over-door

30351

LOCKWOOD 7714SSS DOOR CLOSER



- ▶ Power: EN adjustable 1 to 3
- ▶ Back check (BC): Adjustable
- ▶ Hold Open: Adjustable. Hold-open can be set at any angle up to 130° of opening
- ▶ Hanging: Non-handed. Suitable for left or right hand doors
- ▶ Cover: Fully formed metal
- ▶ Materials: Extruded aluminium body manufactured from high-performance silicon alloy
- ▶ Mechanism: Rack and pinion design
- ▶ Mounting: Regular and over-door mounting
- ▶ Valves: Adjustable closing and latching speed valves with overload protection
- ▶ Delayed Action: Adjustable

30480

DL 200 DOOR LOOP



- ▶ 200mm long with plastic ends
- ▶ Stainless steel with armoured cable

30481

DWM450 DOOR LOOP



- ▶ 450mm long
- ▶ Armoured cable
- ▶ Junction box at each end

30483

LOCKWOOD LC8810 POWER TRANSFER LEAD COVER



- ▶ Provides unbroken connection from controller to lock, for cable up to 8mm in diameter
- ▶ Vandal-resistant chrome plated steel flexible
- ▶ Completely concealed when the door is closed

30500

PROX REX REQUEST TO EXIT TOUCH SWITCH



- ▶ Touch request to exit button
- ▶ 2 x Form 'C' contacts
- ▶ 12v DC

Door Loops, Request to Exit Buttons etc

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30509 / 10 / 11

EM REX EMERGENCY REQUEST TO EXIT



- ▶ Emergency glass break request to exit switch
- ▶ 3 x Form 'C' contacts

30509	EM Rex Emergency Request to Exit - NC outputs only
30510	EM Rex Emergency Request to Exit
30510C	Lift up Cover for EMREX (Monitored)
30511	Em Rex Spare Reset Tool

30512 - 30515

CP-21 EMERGENCY DOOR RELEASE - WHITE



- ▶ 2 x Form 'C' contacts
- ▶ Test key supplied

30512	CP-21 Emergency Door Release - White
30513	Spare Glass for CP-21
30514	CP-22 Resettable Call Point
30515	Clear Cover for CP-21 Call Point

30530

WEL1911 IP65 ILLUMINATED REX BUTTON ON STAINLESS WALL PLATE



- ▶ IP65 rated
- ▶ Stainless steel flush button/plate
- ▶ Illuminated green LED
- ▶ 12vDC
- ▶ Two isolated contacts NO/NC
- ▶ Size: (L) 70mm x (H) 115mm x (D) 32mm

30532

WEL2220 LARGE MUSHROOM REX BUTTON



- ▶ Stainless steel flush plate
- ▶ Two isolated contacts NO/NC
- ▶ Size: (L) 70mm x (H) 115mm x (D) 32mm

30534

WEL2421 ILLUMINATED ROUND REX BUTTON ON STAINLESS WALL PLATE



- ▶ Round button
- ▶ Stainless steel flush plate
- ▶ Illuminated green
- ▶ 12v DC
- ▶ SPDT
- ▶ Size: 70 (L) x 115 (H) x 32 (D) mm

30535

WEL2231 SHROUDED BIG REX BUTTON



- ▶ Round button with shroud (SPDT)
- ▶ Stainless steel flush plate
- ▶ Illuminated green
- ▶ 12vDC
- ▶ SPDT
- ▶ Size: (L) 70mm x (H) 115mm x (D) 32 mm

Door Loops, Request to Exit Buttons etc

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30536

WES1611 ILLUMINATED SMALL REX BUTTON ON MULLION PLATE



- ▶ Illuminated green LED
- ▶ Stainless steel flush button/plate
- ▶ 12vDC
- ▶ SPDT contacts
- ▶ Size: (L) 30mm x (H) 75mm x (D) 34mm

30537

WEL3761P TOUCHLESS REX BUTTON



- ▶ The switch can be activated by a simple hand wave or approach
- ▶ Fully waterproof IP67 rated
- ▶ Dual colour LED illumination
- ▶ Output timer selectable: 2 or 10 seconds
- ▶ Plastic mounting plate
- ▶ Dimensions: (W) 70mm x (H) 115mm x (D) 26mm
- ▶ Input voltage: 12v DC; power connector 24v AC to
- ▶ 12vDC available
- ▶ Current: 18mA standby; 50mA activation
- ▶ Output: isolated NO and NC; 1A 30V DC

30689

YALE SNAP MAGNET - CONCEALED MAGNETIC DOOR CATCH



- ▶ Very small profile
- ▶ Blends into architrave
- ▶ No 'bouncing' of doors when closing
- ▶ Easy to install
- ▶ New Zealand made



Other Wireless Equipment

MicroLatch & Sherlotronics

ATLAS GENTECH
DATA COMMUNICATIONS SECURITY



MicroLatch

HEADING:

- ▶ MicroLatch Transmitters & Receivers
- ▶ Wireless Sherlotronics

Wireless Solutions

The world is going wireless. We offer a large range of wireless equipment to make installations quick, easy and tidy.

MicroLatch Solutions

MicroLatch have an expansive range of Wiegand RF products combining low and high security solution measures.

Flexible and secure Wiegand Radio Frequency (RF) access control solution offering standalone security to a single control point or as part of an integrated large scale access security environment.

Sherlotronics Solutions

Since 1991, Sherlotronics has specialised in Long-Range Switching Applications, predominantly for the Security Industry.

Sherlotronics was one of the first manufacturers to release 'Code-Hopping' type remotes almost a decade ago and they strive to maintain the quality standards and believe in constantly evolving their Products to keep ahead of technology trends.

MicroLatch Transmitters & Receivers

Security Alarms Catalogue | Atlas Gentech (NZ) Limited | www.atlasgentech.co.nz

30070 - 30074

MICROLATCH CHANNEL RECEIVERS



- ▶ Indicators: On Keeloq™ Reception – Red LED,
On Wiegand Transmission – Green LED
- ▶ Current consumption @ 12v DC 10mA maximum
- ▶ Physical dimensions: 85 (L) x 65 (W) x 32 (H) mm
- ▶ ABS plastic case material
- ▶ 4 Output channels
- ▶ 433.92MHz RF operating frequency
- ▶ Code hopping (Keeloq™) AM ASK Superheterodyne for RF signal type
- ▶ Conform to wiegand standard
- ▶ EMC tested and approved. CE and C-Tick compliance
- ▶ Complies with AS/NZS 4268:2003, AS/NZS 4251.1:1999

30070	MicroLatch REC-20 Wiegand 4 Channel Receiver
30071	MicroLatch External Antenna
30072	MicroLatch REC-14 4 Channel Receiver with 4 Relay Outputs - 4 x Onboard SPDT Relays
30073	MicroLatch REC-28 2 Channel Receiver, Provides 2 Relay Outputs with Pulsed, Timed/ Latched Outputs
30074	MicroLatch Blister Pack: 1 x REC-28 Receiver and 2 x 30076 Slide Cover 2 Button Transmitters

30078 - 30083

MICROLATCH BUTTON KEYFOB TRANSMITTERS



The below keyfob transmitters send all button Wiegand data through channel 1 on the REC-20 Wiegand receiver, thus producing a more simplified and cost effective solution when used with an access control system.

- ▶ Keeloq encrypted code hopping data transmission
- ▶ 26 Bit Wiegand data
- ▶ 433.92 MHz
- ▶ Min. 30m RF range (environment dependent)

30078	MicroLatch 2 Button Keyfob Transmitter with Slide Cover - 2 Wiegand Channels
30079	MicroLatch 2 Button Keyfob Transmitter with HID Proximity Chip - 2 Wiegand Channels
30082	MicroLatch 4 Button Keyfob Transmitter with Slide Cover - 4 Wiegand Channels
30083	MicroLatch 4 Button Keyfob Transmitter with HID Proximity Chip - 4 Wiegand Channels

Wireless Sherlotronics

Security Alarms Catalogue | Atlas Gentech (NZ) Limited | www.atlasgentech.co.nz

10501



RX1-150 SINGLE CHANNEL 150M RECEIVER

- ▶ Code-hopping encryption
- ▶ 12vDC/24vAC input
- ▶ Selectable latching relay contact
- ▶ Buzzer beeps every time unit is activated
- ▶ Programmable via a master remote
- ▶ Selectable 1 or 3 seconds momentary relay contact
- ▶ User friendly to program additional transmitters
- ▶ Unit can be defaulted 'memory cleared' if required

10503 / 04



RX1-500 500M RECEIVERS

- ▶ 12vDC/24vAC input
- ▶ Selectable latching relay contact
- ▶ Buzzer beeps every time unit is activated
- ▶ Programmable via a master remote
- ▶ Selectable 1 or 3 seconds momentary relay contact
- ▶ User friendly to program additional transmitters
- ▶ Unit can be defaulted 'memory cleared' if required

10503	RX1-500 1 Channel 500m Receiver
10504	RX4-500 4 Channel 500m Receiver

10506 / 07



SHERLO ASKDRX DATA RX & 14 WAY CARD

- ▶ Supports unlimited 14 way relay cards
- ▶ 12v DC
- ▶ 3 wires from receiver to relay cards
- ▶ Relays can be momentary or toggle/latch

10506	Sherlo ASKDRX Data RX & 14 Way Card
10507	Sherlo 14CHR 14 Relay Add On Board

10510



SHERLO MB3000P MIMIC PANEL

- ▶ 1,000 user memory capability
- ▶ 16 Character 'back-lit' liquid crystal display
- ▶ Wavecom 'WISIMO' SMS output
- ▶ Real time date and time display
- ▶ Plug and play
- ▶ 99 Event memory capability
- ▶ Memory print 'dump' feature
- ▶ RS232 Compatible
- ▶ Superheterodyne receiver
- ▶ 12v DC 1.5 amp power supply
- ▶ Range is dependant on transmitter used
- ▶ Memory will not clear, in event of power failure
- ▶ Monitoring computer software available (MON3000)

10511 - 10516



SHERLO BUTTON REMOTES

- ▶ Utilizing secure code-hopping encryption
- ▶ Unique antenna design incorporating the keyring thus increases operating range by 50%
- ▶ Crystal frequency controlled within +/- 100KHz
- ▶ Frequencies available are 403.55MHz and 433.92MHz
- ▶ 12v battery operation - GP23A alkaline cell
- ▶ Typically 2 years battery life expected under normal use
- ▶ LED flashes when there is a low battery condition
- ▶ Rubber buttons are easy to press and click positively
- ▶ The housing is moulded in nylon for improved durability
- ▶ Remotes can be used for gate and garage door access control, panic activation, arming/disarming alarm systems, switching on/off security lighting and machinery control

10511	TX1 Sherlo 1 Button Remote
10512	TX2 Sherlo 2 Button Remote
10514	TX4 Sherlo 4 Button Remote
10516	TX6 Sherlo 6 Button Remote

Wireless Sherlotronics

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10520

RPT-P REPEATER - 400M TRANSMITTER (FOR SHERLO TRANSMITTERS)



- ▶ Code-hopping encryption
- ▶ SAW crystal controlled
- ▶ No programming required
- ▶ 8 Different send time settings

10524

SHERLO S4 4 INPUT 200M TRANSMITTER - UP TO 3KM WITH RX500 RECEIVER



- ▶ Transmits up to 2KM line of site if used with 400m receiver
- ▶ 4 N.O. inputs
- ▶ +/- Trigger



TELSTROM

Door and gate visitor solutions

Whether you need traditional intercom systems or doophone systems, we have a solution for you.

HEADING:

► Slender Doorphones

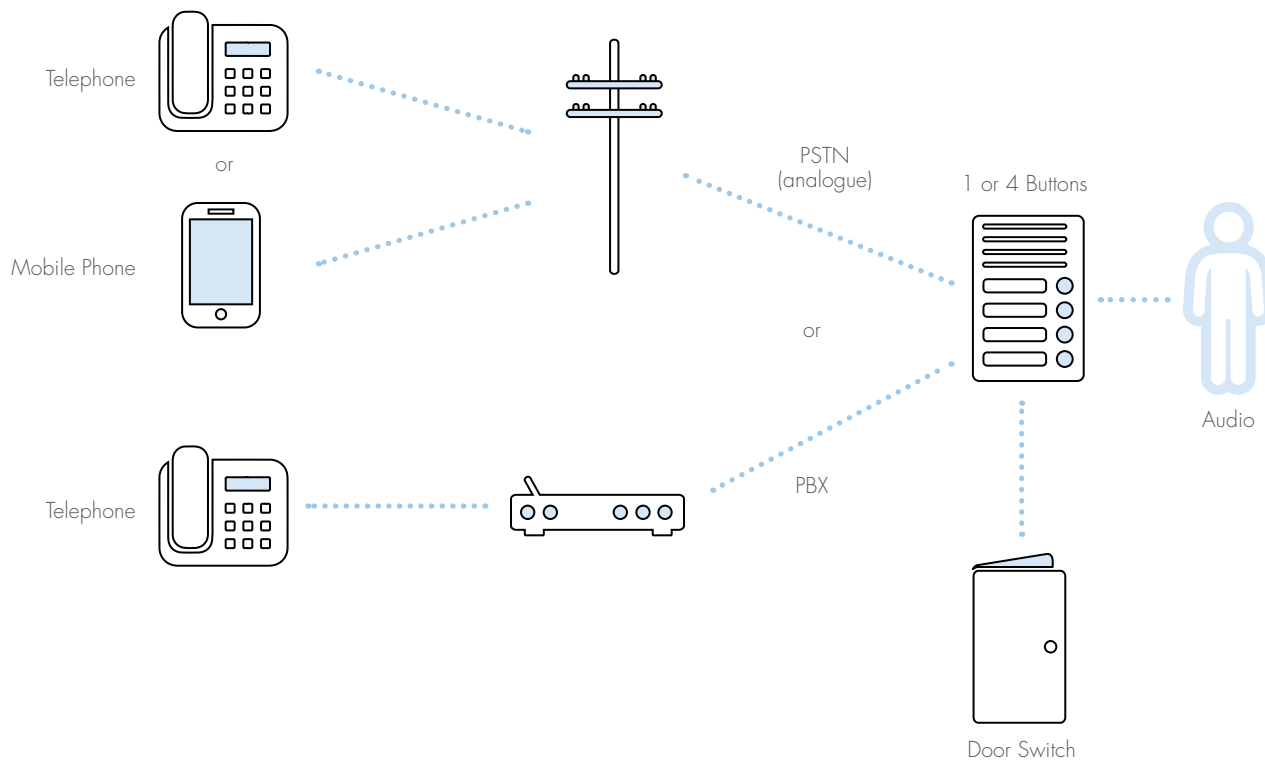
Slender doorphone solution from Telstrom

Telstrom offer telephone based doorphone systems. They can be IP based or analogue, with or without video. Simply press a button on the gate station and it will call a predetermined phone number or IP address to each the user.

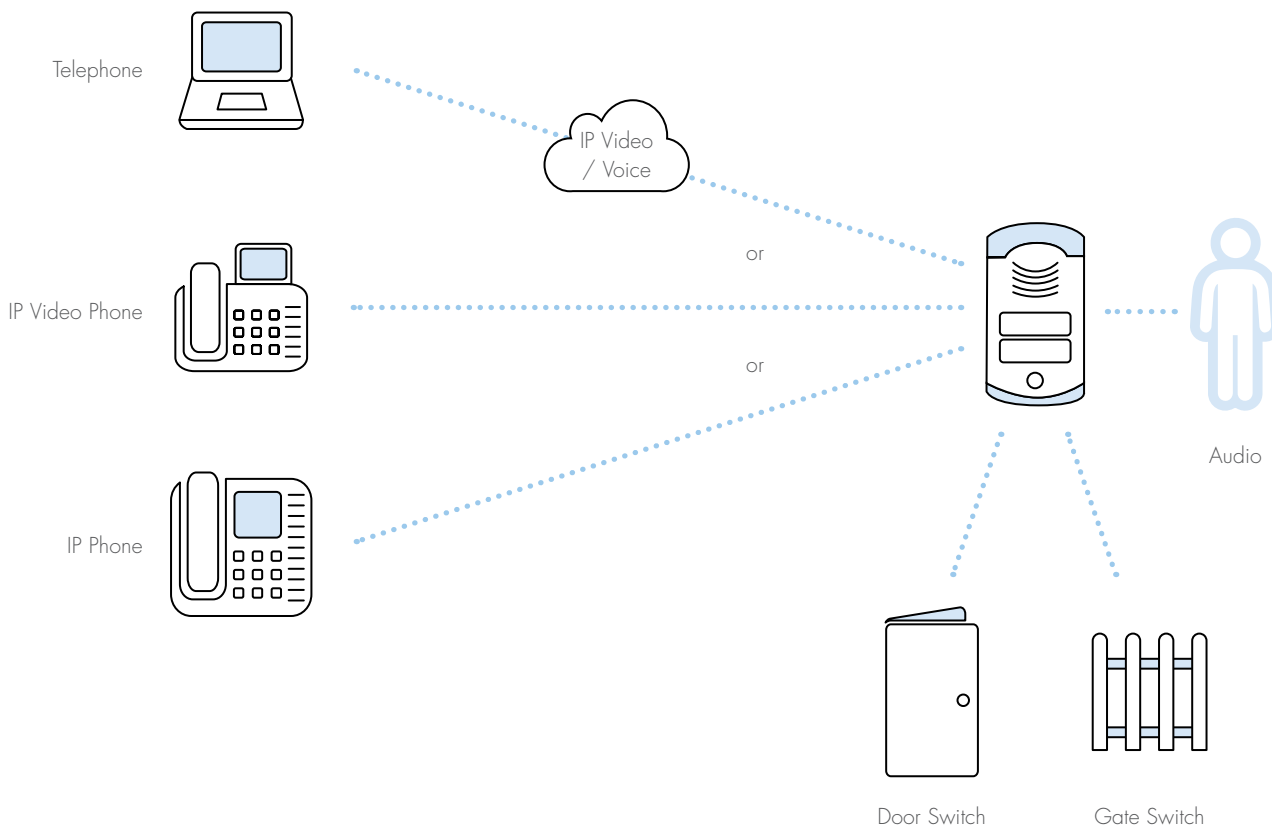
Slender Doorphones Architecture

Security Alarms Catalogue | Atlas Gentech (NZ) Limited | www.atlasgentech.co.nz

ANALOGUE SLENDER PHONE



IP SLENDER PHONE



Slender Doorphones

Security Alarms Catalogue | Atlas Gentech (NZ) Limited | www.atlasgentech.co.nz

77101

DF-A-S-1B ANALOGUE SLENDER DOORPHONE WITH 1 BUTTON



- ▶ Slender design just 16mm thick
- ▶ PC configuration via USB connection
- ▶ Remote configuration via DTMF
- ▶ 1 Button model
- ▶ Combination lock control
- ▶ 12v AC or 12v DC power supply
- ▶ Weight: 360g
- ▶ Dimensions: 104 (H) x 153 (W) x 16 (D) mm

77104

DF-A-S-4B ANALOGUE SLENDER DOORPHONE WITH 4 BUTTONS



- ▶ Slender design just 16mm thick
- ▶ PC configuration via USB connection
- ▶ Remote configuration via DTMF
- ▶ 4 Button model
- ▶ Combination lock control
- ▶ 12v AC or 12v DC power supply
- ▶ Weight: 360g
- ▶ Dimensions: 104 (H) x 153 (W) x 16 (D) mm

77100

DF-A-S-R ROOF FOR ANALOGUE SLENDER DOORPHONE



- ▶ Fits 1-button or 4-button Slenderphone
- ▶ Provides protection against weather

77201

DF-IP-S-2B SLENDER IP DOORPHONE WITH 2 BUTTONS



- ▶ Two buttons
- ▶ European design
- ▶ Remote Web access
- ▶ SIP v2 (with SIP proxy)
- ▶ Full duplex audio
- ▶ Echo cancellation
- ▶ 2 Relay/switches

77202

DF-IP-S-2B-C SLENDER IP DOORPHONE WITH 2 BUTTONS & CAMERA



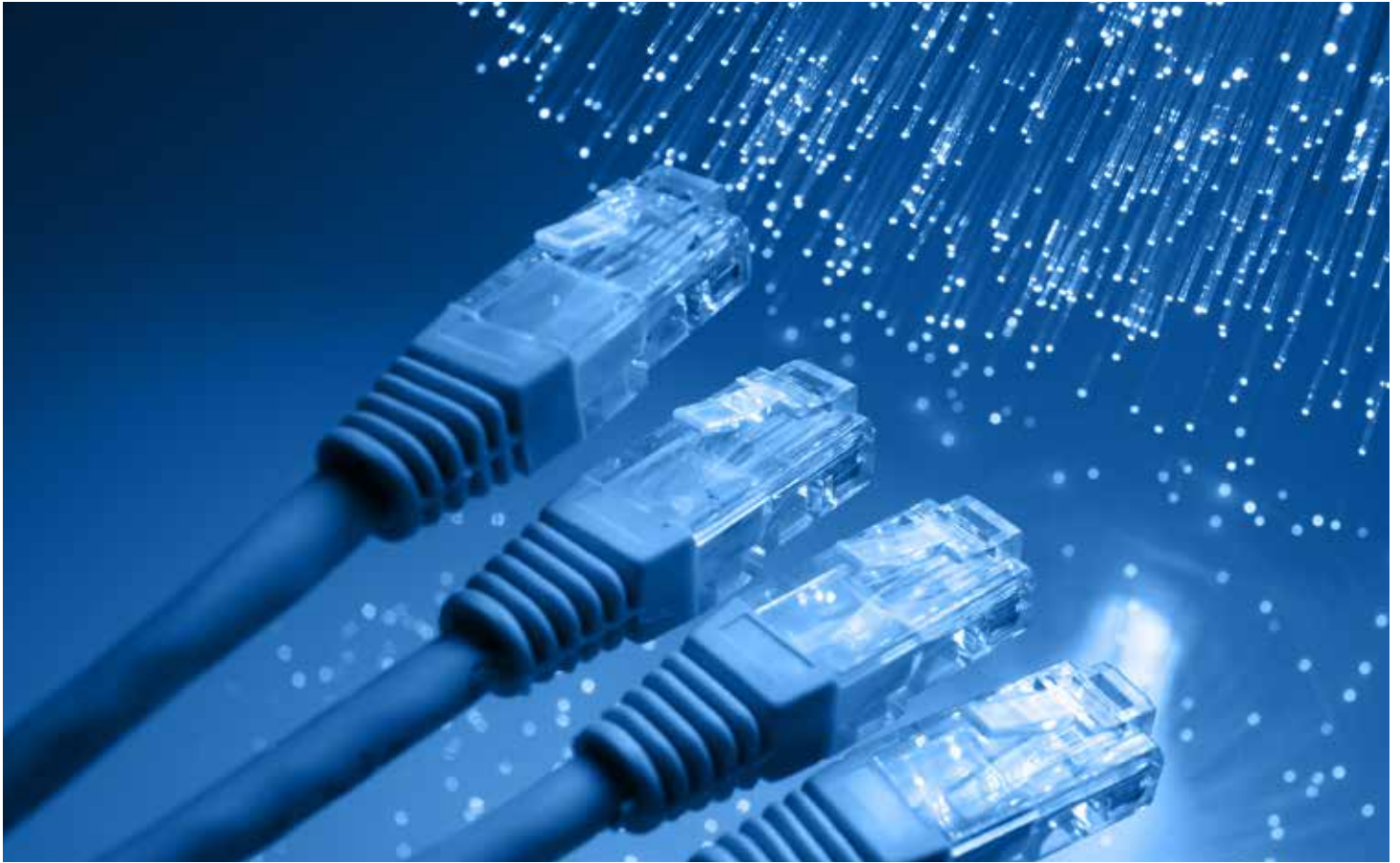
- ▶ Two buttons
- ▶ Colour video
- ▶ European design
- ▶ Remote Web access
- ▶ SIP v2 (with SIP proxy)
- ▶ Full duplex audio
- ▶ Echo cancellation IP camera
- ▶ 2 Relay/switches

77203

DF-IP-S-1B-C-AV ANTI-VANDAL SLENDER IP DOORPHONE WITH 1 BUTTON & CAMERA



- ▶ One button
- ▶ Colour video
- ▶ European design
- ▶ Remote Web access
- ▶ SIP v2 (with SIP proxy)
- ▶ Full duplex audio
- ▶ Echo cancellation
- ▶ IP camera
- ▶ 2 Relay/switches
- ▶ Anti-vandal



Tools of the Trade

A tradesman is only as good as his tools. In this section you will find cable, batteries and various accessories to make installations easier.

Security Accessories

- ▶ Power Supplies & Batteries
- ▶ Cables
- ▶ Cable Tackers & Drill Bits
- ▶ Crimps, Connectors & Cam Locks
- ▶ Relay Boards
- ▶ Cabinets & Accessories

Power Supplies & Batteries

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50100 - 50112

PARADOX 13.8V DC 1.75 AMP SWITCH MODE



- ▶ Fuseless electronic protection
- ▶ Automatic restore

50100	Paradox - 1.75A PSU - PCB only
50101	Paradox - 1.75A PSU
50102	Paradox - 1.75A PSU - Small Cabinet
50112	1.75 Amp PSU on IRR Chassis

50108

PARADOX DIGIPLEX PS17 BUS POWER SUPPLY IN CABINET



- ▶ 1.7A switching power supply
- ▶ Selectable battery charge current (350mA/850mA) 1 PGM output
- ▶ Fully supervised (AC, battery, low battery and auxiliary limit)

50108	Paradox - PS17 - BUS Power Supply in Cabinet
50108P	Paradox - PS17 - BUS Power Supply - PCB only

50130 - 50135

CONCEPT 2 AMP POWER SUPPLY



- ▶ Reliable and stable
- ▶ Small form factor
- ▶ Fused AC input and battery protection (4A)
- ▶ LED indication of output present, AC fail and reverse battery polarity
- ▶ Can be ganged with a second 2A P/S to provide a 4A or dual-redundant power source
- ▶ Can be set to a 1A current limit
- ▶ Ribbon cable output for devices, such as Mini Expander

50130	Inner Range - 2.0A PSU with Low Battery - PCB only
50132	Inner Range - 2.0A PSU with Low Battery - Small Chassis
50133	Inner Range - 2.0A PSU with Low Battery - Standard Cabinet
50134	Inner Range - 2.0A PSU with Low Battery - Small Cabinet
50135	Inner Range - 10 Way Ribbon Cable for 2.0A PSU

50140

24V AC 1 AMP PLUG PACK



- ▶ 24v AC
- ▶ Regulated output

50142

12V DC 5 AMP IN LINE PLUG PACK



- ▶ 12v DC
- ▶ Regulated output

Power Supplies & Batteries

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50144

12V DC 1 AMP PLUG PACK



- ▶ 12v DC
- ▶ Regulated output

50145

2.1 DC PLUG-IN LEADS FOR 12V DC CAMERAS



- ▶ Allows multiple dome camera power connection

50146

24V AC 2 AMP IN LINE TRANSFORMER



- ▶ 24v AC output

50151 / 20

16V AC 40VA TRANSFORMER



- ▶ 16v AC output
- ▶ 2 amp

50151	16v 40VA Transformer
50151X	16VAC 1amp Plug Pack
50120	PC500 24V-12V Converter

50180

600VA UPS



- ▶ 600VA
- ▶ Use for back-up on computers/DVRs
- ▶ 15 min standby with PC auto shut down

Power Supplies & Batteries

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50305

ENFORCER EVP224A4-P4 24V AC 4 AMP POWER SUPPLY



- ▶ With 4 fused outputs in enclosure
- ▶ 24v AC output
- ▶ 4 Individual outputs
- ▶ Each output fused at 1 amp
- ▶ PTC self resetting fuses

50350

PR801 RACK MOUNT POWER SUPPLY - 24V AC 8 AMP SINGLE OUTPUT



- ▶ All 19in. 1 Rack units

50435

PB256-1210CML 8 AMP POWER SUPPLY MODULE



- ▶ Ultra-low noise output
- ▶ Independent load & battery charging current limiting
- ▶ DC output OK & battery OK alarms & LEDs
- ▶ Battery-LVD and low alarm
- ▶ Over-temperature protection
- ▶ Battery fuse fail LED

50200 - 50208

12V SEALED LEAD ACID BATTERY



- ▶ 12v
- ▶ 1.3 / 3.2 / 7.0 / 18.0 amp batteries
- ▶ Sealed lead acid

50200	12V 1.3 amp sealed lead acid battery
50202	12V 3.2 amp sealed lead acid battery
50204	12V 7.0 amp sealed lead acid battery
50208	12V 18.0 amp sealed lead acid battery

50206

BATTERY LOAD TESTER



- ▶ Easy to use load tester
- ▶ Automatic timed test
- ▶ Preset pass/fail threshold
- ▶ Pass = Green
- ▶ Fail = Red
- ▶ Works on all 12v sealed acid batteries
- ▶ Consistent, simple test procedure

Cables

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60100 - 60242

4 CORE CABLES 70% / 100% COPPER



60100	4 Core .2mm Cable - 70% Copper - 100m CCA
60102	4 Core .2mm Cable - 70% Copper - 300m CCA
60141	4 Core .5mm Cable - 70% Copper - 100m Reel CCA
60142	4 Core .5mm Cable - 70% Copper - 300m Box CCA
60241	4 Core .5mm Cable - 100% Copper - 100m Reel
60242	4 Core .5mm Cable - 100% Copper - 300m Box

60120 - 60253

6 CORE CABLES 70% / 100% COPPER



60120	6 Core .2mm Cable - 70% Copper - 100m CCA
60123	6 Core .2mm Cable - 70% Copper - 300m Box CCA
60153	6 Core .5mm Cable - 70% Copper - 100m Reel CCA
60155	6 Core .5mm Cable - 70% Copper - 300m Box CCA
60253	6 Core .5mm Cable - 100% Copper - 100m Reel

60126 / 27

7 CORE CABLES 70% COPPER



60126	7 Core .5mm Screened Reader Cable - 70% Copper - 250m Box (Not Twisted) CCA
60127	7 Core .5mm Screened Reader Cable - 70% Copper - 100m Reel CCA

60130 - 60260

8 CORE CABLES 70% / 100% COPPER



60130	8 Core .2mm Cable - 70% Copper - 100m CCA
60159	8 Core .5mm Cable - 70% Copper - 100m CCA
60160	8 Core .5mm Cable - 70% Copper - 250m Pull Box CCA
60260	8 Core .5mm Cable - 100% Copper - 250m Reel

60162 / 64

TWIN CABLES - 70% COPPER



60162	Twin Cable 0.75mm - 250m
60162A	Twin Cable 0.75mm - 500m

Cables

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60173 / 75



3 PAIR 0.2MM LAN CABLE - 100% COPPER

60173	3 Pair 0.2mm LAN Cable - 100% Copper - 100m Reel
60175	3 Pair 0.2mm LAN Cable - 100% Copper - 250m Reel

60195 - 60198



COMPOSITE CCTV CABLE - COAX 100% COPPER TWIN CCA - 70% COPPER

60195	Composite CCTV Cable - 300m Reel - Coax 100% Copper, Twin CCA - 70% Copper - Indent only /3 Day lead time
60196	Composite CCTV Cable - 100m Reel - Coax 100% Copper, Twin CCA - 70% Copper
60197	Composite CCTV Cable - 250m Reel - Coax 100% Copper, Twin CCA - 70% Copper

3M CABLE



3M CAT6 UTP 6UP4 SECURITY CABLE - 305M

3M-NE019315005	3M Cat6 UTP 6UP4 Yellow Security Cable - 305m
3M-NE019314990	3M Cat6 UTP 6UP4 Green Security Cable - 305m

Cable Tackers & Drill Bits

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61000 - 61114



RAPID 28 STAPLE GUNS AND STAPLES

61000	Rapid 28 Staple Guns and Staples
61009	Rapid 28/9 Staples for Rapid 28 (2000 per Box)
61009-1	Rapid 28/9 Staples for Rapid 28 (1000 per Box)
61011	Rapid 28/11 Staples for Rapid 28 (2000 per Box)
61011-1	Rapid 28/11 Staples for Rapid 28 (1000 per Box)
61100	Rapid 36 Cable Tacker
61110	Rapid 36/10 Staples for Rapid 36 (2000 per Box)
61110-1	Rapid 36/10 Staples for Rapid 36 (1000 per Box)
61112	Rapid 36/12 Staples for Rapid 36 (2000 per Box)
61112-1	Rapid 36/12 Staples for Rapid 36 (1000 per Box)
61114	Rapid 36/14 Staples for Rapid 36 (2000 per Box)
61114-1	Rapid 36/14 Staples for Rapid 36 (1000 per Box)

75400 - 75470



RAPID 28 STAPLE GUNS AND STAPLES

75400	FlexiDrill High Speed Steel HS184 18" x 1/4"
75402	FlexiDrill High Speed Steel HS188 18" x 3/8"
75404	FlexiDrill High Speed Steel HS182 18" x 1/2"
75410	FlexiDrill High Speed Steel HS242 24" x 1/2"
75412	FlexiDrill High Speed Steel HS248 24" x 3/8"
75414	FlexiDrill High Speed Steel HS244 24" x 1/4"
75416	FlexiDrill High Speed Steel HS364 36" x 1/4"
75418	FlexiDrill High Speed Steel HS368 36" x 3/8"
75428	FlexiDrill High Speed Steel HS362 36" x 1/2"
75470	FlexiDrill Placement Tool

75505



GLO ROD - LIGHTNING ROD

► 5ft / 1520mm

75510



GLO ROD - TELESCOPIC WIRE RETRIEVER

► 8ft / 2430mm

Crimps, Connectors & Cam Locks

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61200 / 05



GREASE FILLED CRIMPS

61200	Grease Filled 2 Way Crimp - Box of 100
61205	Grease Filled 3 Way Crimp - Box of 100

61220 / 25



CLOSED END CONNECTORS

61220	Closed End Connector 1.25mm - Bag of 100
61225	Closed End Connector 2.0mm - Bag of 100

75330



CAM LOCK

► Camlock with 2 keys and fits all cabinets

Relay Boards

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75200

RELAY BOARD - SINGLE POLE 3AMP

- ▶ Single Pole
- ▶ 3 amp
- ▶ 12 volt DC



75202 / 03 / 04

TDL SINGLE POLE 8 AMP RELAY BOARDS

- ▶ Contact rated at 8 Amps AC/DC
- ▶ Fits TDL-MB mounting system
- ▶ Modular unit that can be used to switch a number of devices
- ▶ Designed to be used as an interface between a low current switching control board and a high powered lock
- ▶ LED to indicate relay status
- ▶ Raising clamp type terminals will not damage cables and can accommodate up to a 2.5mm² cable

75202	TDL 1RB Single Pole 8 amp Relay Board
75203	TDL 2RB 2 x Single Pole 8 amp Relay Boards
75204	TDL 4RB 4 x Single Pole 8 amp Relay Boards



75205

RELAY BOARD - DOUBLE POLE 1AMP

- ▶ Double Pole
- ▶ 1 amp
- ▶ 12 volt DC



75206 / 07

TDL 4 / 8 WAY FUSE BOARDS

- ▶ 4 / 8 separate fused outputs
- ▶ The fuses are field replaceable
- ▶ Maximum fuse rating 5 Amps
- ▶ Modular unit that can be used to protect a number of devices
- ▶ Designed to be used as an interface between power supplies and field devices
- ▶ LED's to indicate fuse status
- ▶ Raising clamp type terminals will not damage cables and can accommodate up to a 2.5mm² cable

75206	TDL 4FB 4 way Fuse Board
75207	TDL 8FB 8 way Fuse Board



75208

TDL 4RFB 4 WAY RELAY & FUSE BOARD

- ▶ Designed to switch lock power with all required fuses and links pre-made on the board saving costs in components and time as there is no requirement for inter-board cabling and the associated labour.
- ▶ Compact size which allows for installation within the same enclosure as the Access Control System
- ▶ Fuses are field replaceable
- ▶ Raising clamp type terminals will not damage cables and can accommodate up to a 2.5mm² (14AWG) cable
- ▶ Designed to be used as an interface between a low current switching control board and a high powered lock
- ▶ LED's to indicate both relay and fuse status



Relay Boards

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75209

TDL FAB FIRE ALARM DROPOUT BOARD



- ▶ Clean normally closed input from the fire alarm system.
- ▶ Separate power supply input which is isolated from the door control input power.
- ▶ Has a control output so it can be daisy chained from FAB to FAB so that there is no requirement for any further input from the fire alarm system. The Link Terminal output provides both power and control to the next FAB.
- ▶ The "Power Output" LED illuminates, when there is a voltage on the power supply output.
- ▶ The "Fire Relay Normal" LED illuminates, when the Fire Alarm relay is OK (sealed)
- ▶ Has one set of Clean NO and NC outputs for status monitoring of the Fire Alarm input.
- ▶ Raising clamp type terminals will not damage cables and can accommodate up to 1 x 2.5mm² cable for the signal side of the board but there are larger terminals for the door control power which can take up to 2 x 2.5mm² cables.

75210

TDL MOUNTING BASE FOR TDL CIRCUIT BOARDS



- ▶ Removable cable covers
- ▶ Dimensions: 110mm (w) x 85mm (h) x 33mm (d)
- ▶ Reduced installation time (labour saving)
- ▶ Removable label holders
- ▶ High adhesion double-sided tape applied at factory
- ▶ Heat Resistant ABS plastic construction
- ▶ Easy to label your devices, inputs and outputs

75211

TDL TB TIMER BOARD - 1 SEC - 2 HOURS



- ▶ Off Delay (loss of OVDC on the input gives an OFF delay on the output)
- ▶ On Delay (gain of OVDC on the input gives ON delay on the output)
- ▶ Off Pulse Trigger (the OVDC input is lost for a moment which gives an OFF delay on the output)
- ▶ On Pulse Trigger (the OVDC input is lost for a moment which gives an ON delay on the output)
- ▶ Time duration is easily set via the rotary dip switch, as listed on the board.
- ▶ Set time will not drift as the components age or the temperature fluctuates.
- ▶ On board LED's indicate that the board has power, that the input has been operated, that the timer is counting down and that the output is triggered.
- ▶ Raising clamp type terminals will not damage cables and can accommodate up to a 2.5mm² cable
- ▶ Contact rated at 8 Amps AC/DC
- ▶ Fits TDL-MB mounting system

75213

LIVEWIRE PLUG-ON PARADOX RECEIVER BOARD FOR DP RELAY



- ▶ SP/MG Livewire plug-on receiver board for DP relay

75214

LIVEWIRE PLUG-ON TIMER MODULE



- ▶ Plug on timer module

Cabinets & Accessories

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75300 / 01

PARADOX CABINETS



75300	Paradox Empty Cabinet (280mm x 280mm x 75mm)
75301	Paradox Cabinet complete with Transformer and Tamper

75302 / 04 / 06

CONCEPT CABINETS



75302	Standard Cabinet - Empty - With Cam Lock
75304	Large Cabinet - Empty - With Cam Lock
75306	Mega Cabinet - 40VA Transformer

75310 / 11

PARADOX CHASSIS



75310	Paradox Standard Chassis for New Concept Cabinet
75311	Paradox Large Chassis for New Concept Cabinet

75315 - 75319

CHASSIS



75315	Mega Base Chassis
75316	Mega 2+2 Chassis
75317	Mega 1+1 Chassis
75318	Standard Chassis - Inner Range - For New Concept Cabinet
75319	Large Chassis - Inner Range - For New Concept Cabinet



P R D O X[®]
S E C U R I T Y S Y S T E M S

HEADING:

- ▶ Monitoring Station Receivers & Diallers
- ▶ Diallers, IP & GSM Back-Up
- ▶ Radio Monitoring Equipment

Monitoring Equipment Solutions

Monitored alarms are much more effective than audible systems. We offer various products to ensure your Monitoring Station has the latest 'state-of-the-art' systems so you can offer your clients the highest level of security possible.

Paradox Solution

All Paradox control panels have been specifically built from the ground up to support the latest in communication technology, including GPRS, GSM, IP and voice. Whether it be uploading/downloading via GPRS, monitoring and controlling your system remotely through a PC, receiving system status and events by voice or text message, or reporting to the monitoring station via GSM or GPRS, all Paradox panels support various communication applications that heighten an installation's security.

Inner Range Solution

Fratech products manufactured by Inner Range, offer a range of advanced security communication products including GSM backup units, digital alarm receivers for Central Stations and IP alarm monitoring solutions.

RadioNet Monitoring Solution

Setting up a radio monitoring central station has always been considered to be a major capital expense and a barrier to entry for many smaller security companies. This perception has resulted in many smaller companies outsourcing their monitoring to larger concerns.

Monitoring Station Receivers & Diallers

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35250 / 53 / 55

FE-900 RECEIVER



- ▶ Remote configuration and monitoring of multiple receivers over any IP network using the FE900 management software
- ▶ Two inbuilt ethernet ports per CPU card
- ▶ Two isolated RS232 ports per CPU card
- ▶ Up to 8 line cards, supporting a total of up to 32 PSTN lines simultaneously
- ▶ Non-volatile 30,000 event buffer
- ▶ Hot swappable, auto-configuring cards, speaks all the main communications formats
- ▶ FE900 processes alarms independently of automation system
- ▶ Comprehensive management software to configure, monitor and maintain FE900s. This can serve as a double-check to automation system.
- ▶ Line cards feature advanced DSP, 8kV isolation and three stage lightning/transient protection
- ▶ Flexible audio capture to FE900 software from any line on any receiver
- ▶ Optional redundant CPU card
- ▶ Smart call answering
- ▶ Very low power consumption
- ▶ Wide input supply range: 8-35v DC
- ▶ Extensive self-diagnostic functionality Live, fail-safe, versionable firmware updates
- ▶ Removable Krone and/or RJ connector blocks for easy installation and maintenance

35250	FE-900 Digital IP Receiver
35253	FE-900 Backup Processor Card
35255	FE-900 Line Card - 4 Lines

35260

FE-900 RECEIVER



- ▶ **1024 Supervised Paradox GPRS/IP modules:**
High-speed supervision for up to 1024 Paradox control panels using PCS300, PCS200 GPRS edition or IP100 Internet Module. Every communication module can report each partition with a unique account number
- ▶ **End-to-End supervision:**
The entire communication line (control panel, internet module, receiver and automation software) is fully supervised and can be reported due to Paradox's proprietary encrypted communication
- ▶ **Module polling and receiver supervision:**
Up to 32 security profiles can be created per receiver with a programmable Module Polling Time and Receiver Supervision Time (seconds, minutes, or hours). If the receiver does not receive a presence message from the Internet Module within the Module Polling Time, the receiver will then wait until the Receiver Supervision Time elapses before reporting a supervision loss to the monitoring station's Automation Software
- ▶ **Direct communication:**
All reports are transmitted directly to the receiver from the PCS300, PCS200 or IP100 modules without having to use intermediary servers or network operation centers. This provides faster response, with no concerns about issues from intermediary providers, such as signals not properly relayed or communication failures
- ▶ **Redundant internet service provider (ISP):**
2 Ethernet ports (WAN1 and WAN2) to receive events through two different ISP's
- ▶ **2 Serial ports:**
COM1 connects to Automation Software (used by monitoring station) by emulating Radionics 6500 protocol. COM2 connects to a printer or a PC with an RS232 serial communication software view/print events in plain text format
- ▶ **Communication protocols:**
Supports ADEMCO 685, SURGARD MLR2-DG, and RADIONICS 6500 for event reporting to the monitoring station's automation software
- ▶ **Integrated account management Web page:**
Access web page via LAN port to view, edit and delete PCS200/IP100 modules, edit security profiles, configure receiver, view receiver troubles, and program special event report codes
- ▶ **Data backup on external memory card:**
The receiver has a built-in flash memory card slot for data backup (programmable intervals) and recovery. This allows fast and easy substitution of receiver units in crash recovery situations. Uses external SD, SD/HC, or MMC memory cards
- ▶ **Firmware upgradeable:**
The receiver is firmware upgradeable in less than 90 seconds and features automatic update verification

Diallers, IP & GSM Back-Up

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35270 / 75 / 76

PARADOX - PCS250 - GPRS/GSM COMMUNICATOR MODULE



- ▶ Compact, sleek design
- ▶ Report events to the IPR512 GPRS/IP Monitoring Receiver and/or IPRS-7 IP/GPRS PC Receiver Software
- ▶ Report via text message (up to 16 cell phone numbers)
- ▶ Control panel communication supervision
- ▶ End-user can arm or disarm the system by sending a text message (SMS) to the PCS250
- ▶ Send pre-recorded voice messages to up to 8 telephone numbers to report alarms using the optional VDMP3
- ▶ Paradox Plug-in Voice Module (GSM mode)
- ▶ Simple installation with 4-wire serial connection
- ▶ Optional rod antenna can be installed up to 1.8m (60ft) from the module using optional antenna cable extensions depending on the local signal strength
- ▶ 128-bit (MDS) and 256-bit (AES) encryption (GPRS mode)
- ▶ Increase the distance between the panel and the PCS250 module with an RS485 link (GSM mode only via e-bus) A CVT485 module must be added to the panel in order to accomplish this
- ▶ Report via GSM (CID, SIA)

35270	Paradox - PCS250 - GPRS/GSM Communicator Module
35275-15	Paradox - Antenna Extension for PCS250 - 15m
35275-4	Paradox - Antenna Extension for PCS250 - 4m
35275-2	Paradox - Antenna Extension for PCS250 - 2m
10476	Paradox - External Aerial Kit for GPRS14 & PCS250
15398CABLE	Cable to connect PCS250 to IP150

15398

IP150 - INTERNET MODULE



- ▶ SSL support for sending secured emails via a secure sockets layer; a protocol for encrypting information over the Internet
- ▶ HTTPS support for improving security (HyperText Transfer Protocol Secure; a widely used communications protocol for secure communication over a computer network)
- ▶ Two I/Os on board; controlled via the web interface, triggering an email
- ▶ Event log on web interface; displays last 64 events
- ▶ Easy installation; built-in clip for mounting in a metal box
- ▶ Report control panel events via IP to the Paradox IPR512 GPRS/IP Monitoring Receiver
- ▶ Control and monitor a control panel through an IP network (LAN/WAN/Internet)
- ▶ Compatible with Spectra SP series (V2.10 or higher), MG5000/MG5050 (V2.10 or higher) and EVO control panels
- ▶ Use NEware, Winload or Babyware to access your system through the Internet
- ▶ Receive notification of system alarms via email
- ▶ Arm/disarm individual partitions via web browser
- ▶ View live status of all zones and partitions (e.g., open/close, arm/disarm, troubles and alarms) via web browser
- ▶ ParadoxMyHome available for dynamic IP address
- ▶ Very low bandwidth consumption
- ▶ Supported language: English

15398	IP150 - internet module
15398CABLE	Cable to connect PCS250 to IP150

35225

FE3000 SERIAL GSM MODEM



- ▶ The serial FE3000 is a simplified version of the standard FE3000, which has a high level interface to the Concept 3000/4000 via a UART connection
- ▶ All programming done via Concept keypad
- ▶ Also connects to any security panel: two monitored inputs and two controlled outputs

35290

SIRION IP MODULE



- ▶ Support of burglar alarm panels for users with VoIP fixed telephony services
- ▶ Ability of constant communication between the panel and the Central Monitoring Station (DSL connection required) with no extra charges for the end user (PSTN networks charges are dependent on the call time)
- ▶ Provides an upgrade path of existing older systems to the modern communication methods (with no need for replacing existing equipment).

Diallers, IP & GSM Back-Up

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35230

FE-3000



- ▶ The FE3000 GSM engine provides the next generation in multi-path monitoring
- ▶ Provides an expandable platform for newer monitoring paths based on the Internet
- ▶ Alarms from any contact ID alarm panel can be sent via multiple paths including GSM and PSTN
- ▶ The FE3000 contains its own diallers, calls can still be initiated even with total panel failure
- ▶ The FE3000 allows the alarm panel to be tested as fast as once a minute if desired and will report any panel failure
- ▶ The FE3000 allows the GSM short message service (SMS) to be used for:
 - Sending contact ID alarms back to a mobile phone as text messages
 - Requesting the FE3000 to send back SMS messages containing status information
 - Making programming changes remotely via SMS using a mobile phone
- ▶ Turning on/off outputs on the FE3000 using SMS to turn on lights or turn on/off your alarm panel via a key-switch zone.
- ▶ The FE3000 features its own battery charger with battery test and can also be used as a stand alone unit, providing monitoring of up to 12 inputs by either a PSTN call, a GSM call or via an SMS message to a mobile phone

35230	FE-3000 GSM Engine
35230P	FE-3000 PCB Only

35405

INNER RANGE - MULTIPATH - OMNILINK IN ENCLOSURE WITH PSU



- ▶ Dual encrypted GPRS polled communications paths (Dual SIM technology)
- ▶ Ethernet Port for high-speed polling and encrypted Internet alarm transmissions
- ▶ Secure data transmission with 128 bit AES encryption
- ▶ Dialler Capture port to receive communications from any alarm panel equipped with a dialler and programmed to report ContactID
- ▶ RS-232 and TTL Serial Securitel Interfaces for "Panel to STU" connections
- ▶ App that allows the end user to control the alarm i.e arm/disarm, aux control and automation
- ▶ High Level Serial Interface for Inner Range Concept Panels
- ▶ Auxiliary output for critical path fail warnings
- ▶ Relay outputs for control of external devices
- ▶ Watchdog Pulsed Zone Input
- ▶ Dedicated Cabinet Tamper Input
- ▶ 2 General Zone Inputs with EOL resistors
- ▶ 16VAC with On-board Battery Charger or 12VDC Powered

35405

INNER RANGE - MULTIPATH - OMNILINK IN ENCLOSURE WITH PSU



- ▶ Simple Plug and Play installation
- ▶ Ultra-fast 3G dual SIM polled communications paths
- ▶ 10/100 Mbps Ethernet port for high-speed polling
- ▶ Configurable bi-directional polling from 10 seconds to 5 minutes to meet the requirements of Australian Standard AS2201.5
- ▶ Secure 128Bit AES encrypted data transmission
- ▶ Over-the-air upload/download to compatible alarm systems using modem dial up and serial pass-through methods
- ▶ Dialler Capture port to receive communications from any alarm panel equipped with a dialler and programmed to report ContactID
- ▶ High level integration with Inner Range Integrity & Concept systems

35409	Inner Range - T4000 - Multipath 3G/IP Communicator
35409^10	Inner Range - T4000 - Multipath 3G/IP Communicator for 10 or more
35411	Inner Range - T4000 - Interface Cable - Paradox SP/MG
35412	Inner Range - T4000 - Interface Cable - Tecom V10

Radio Monitoring Equipment

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35518

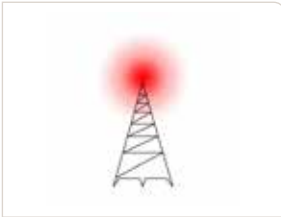
RADIONET TX75X TRANSMITTER



- Telephone line connection for panel to send contact ID (limited library) via radio

35550

RADIONET HALF WAVE WIP ANTENNA



- Antenna

Atlas Gentech

Terms of Trade



1. DEFINITIONS

- 1.1 "ATLAS GENTECH (NZ) LIMITED" shall mean ATLAS GENTECH (NZ) LIMITED, or any agents or employees thereof.
- 1.2 "Customer" shall mean the Customer, any person acting on behalf of and with the authority of the Customer, or any person purchasing products and services from ATLAS GENTECH (NZ) LIMITED.
- 1.3 "Products" shall mean:
 - 1.3.1 all Products of the general description specified on the front of this agreement and supplied by ATLAS GENTECH (NZ) LIMITED to the Customer; and
 - 1.3.2 all Products supplied by ATLAS GENTECH (NZ) LIMITED to the Customer; and
 - 1.3.3 all inventory of the Customer that is supplied by ATLAS GENTECH (NZ) LIMITED; and
 - 1.3.4 all Products supplied by ATLAS GENTECH (NZ) LIMITED and further identified in any invoice issued by ATLAS GENTECH (NZ) LIMITED to the Customer, which invoices are deemed to be incorporated into and form part of this agreement; and
 - 1.3.5 all Products that are marked as having been supplied by ATLAS GENTECH (NZ) LIMITED or that are stored by the Customer in a manner that enables them to be identified as having been supplied by ATLAS GENTECH (NZ) LIMITED; and
 - 1.3.6 all of the Customer's present and after-acquired Products that ATLAS GENTECH (NZ) LIMITED has performed work on or to or in which goods or materials supplied or financed by ATLAS GENTECH (NZ) LIMITED have been attached or incorporated.
- 1.3.7 The above descriptions may overlap but each is independent of and does not limit the others.
- 1.4 "Products" shall also mean all products, goods, services and advice provided by ATLAS GENTECH (NZ) LIMITED to the Customer and shall include without limitation the supply of security products and all charges for labour, hire charges, insurance charges, or any fee or charge associated with the supply of Products by ATLAS GENTECH (NZ) LIMITED to the Customer.
- 1.5 "Price" shall mean the cost of the Products as agreed between ATLAS GENTECH (NZ) LIMITED and the Customer and includes all disbursements eg charges ATLAS GENTECH (NZ) LIMITED pay to others on the Customer's behalf subject to clause 4 of this contract.

2. ACCEPTANCE

- 2.1 Any instructions received by ATLAS GENTECH (NZ) LIMITED from the Customer for the supply of Products shall constitute a binding contract and acceptance of the terms and conditions contained herein.

3. COLLECTION AND USE OF INFORMATION

- 3.1 The Customer authorises ATLAS GENTECH (NZ) LIMITED to collect, retain and use any information about the Customer, for the purpose of assessing the Customer's credit worthiness, enforcing any rights under this contract, or marketing any Products provided by ATLAS GENTECH (NZ) LIMITED to any other party.
- 3.2 The Customer authorises ATLAS GENTECH (NZ) LIMITED to disclose any information obtained to any person for the purposes set out in clause 3.1.
- 3.3 Where the Customer is a natural person the authorities under clauses 3.1 and 3.2 are authorities or consents for the purposes of the Privacy Act 1993.

4. PRICE

- 4.1 Where no price is stated in writing or agreed to verbally the Products shall be deemed to be sold at the current amount as such Products are sold by ATLAS GENTECH (NZ) LIMITED at the time of the contract.
- 4.2 The price may be increased by the amount of any reasonable increase in the cost of supply of the Products that is beyond the control of ATLAS GENTECH (NZ) LIMITED between the date of the contract and delivery of the Products.

5. PAYMENT

- 5.1 Payment for Products shall be made in full on or before the 20th day of the month following the date of the invoice ("the due date").

- 5.2 Interest may be charged on any amount owing after the due date at the rate of 2.5% per month or part month.
- 5.3 Any expenses, disbursements and legal costs incurred by ATLAS GENTECH (NZ) LIMITED in the enforcement of any rights contained in this contract shall be paid by the Customer, including any reasonable solicitor's fees or debt collection agency fees.
- 5.4 Receipt of a cheque, bill of exchange, or other negotiable instrument shall not constitute payment until such negotiable instrument is paid in full.

6. QUOTATION

- 6.1 Where a quotation is given by ATLAS GENTECH (NZ) LIMITED for Products:
 - 6.1.1 Unless otherwise agreed the quotation shall be valid for thirty (30) days from the date of issue; and
 - 6.1.2 The quotation shall be exclusive of goods and services tax unless specifically stated to the contrary;
 - 6.1.3 ATLAS GENTECH (NZ) LIMITED reserve the right to alter the quotation because of circumstances beyond its control.
- 6.2 Where Products are required in addition to the quotation the Customer agrees to pay for the additional cost of such Products.

7. RISK

- 7.1 The Products remain at ATLAS GENTECH (NZ) LIMITED' risk until delivery to the Customer.
- 7.2 Delivery of Products shall be deemed complete when ATLAS GENTECH (NZ) LIMITED gives possession of the Products directly to the Customer or possession of the Products is given to a carrier, courier, or other bailee for purposes of transmission to the Customer.
- 7.3 The time agreed for delivery shall not be an essential term of this contract.

8. TITLE AND SECURITY (PERSONAL PROPERTY SECURITIES ACT 1999)

- 8.1 Title in any Products supplied by ATLAS GENTECH (NZ) LIMITED passes to the Customer only when the Customer has made payment in full for all Products provided by ATLAS GENTECH (NZ) LIMITED and of all other sums due to ATLAS GENTECH (NZ) LIMITED by the Customer on any account whatsoever. Until all sums due to ATLAS GENTECH (NZ) LIMITED by the Customer have been paid in full, ATLAS GENTECH (NZ) LIMITED has a security interest in all Products.
- 8.2 If the Products are attached, fixed, or incorporated into any property of the Customer, by way of any manufacturing or assembly process by the Customer or any third party, title in the Products shall remain with ATLAS GENTECH (NZ) LIMITED until the Customer has made payment for all Products, and where those Products are mixed with other property so as to be part of or a constituent of any new Products, title to these new Products shall be deemed to be assigned to ATLAS GENTECH (NZ) LIMITED as security for the full satisfaction by the Customer of the full amount owing between ATLAS GENTECH (NZ) LIMITED and Customer.
- 8.3 The Customer gives irrevocable authority to ATLAS GENTECH (NZ) LIMITED to enter any premises occupied by the Customer or on which Products are situated at any reasonable time after default by the Customer or before default if ATLAS GENTECH (NZ) LIMITED believes a default is likely and to remove and repossess any Products and any other property to which Products are attached or in which Products are incorporated. ATLAS GENTECH (NZ) LIMITED shall not be liable for any costs, damages, expenses or losses incurred by the Customer or any third party as a result of this action, nor liable in contract or in tort or otherwise in any way whatsoever unless by statute such liability cannot be excluded. ATLAS GENTECH (NZ) LIMITED may either resell any repossessed Products and credit the Customer's account with the net proceeds of sale (after deduction of all repossession, storage, selling and other costs) or may retain any repossessed Products and credit the Customer's account with the invoice value thereof less such sum as ATLAS GENTECH (NZ) LIMITED reasonably determines on account of wear and tear, depreciation, obsolescence, loss or profit and costs.



- 8.4 Where Products are retained by ATLAS GENTECH (NZ) LIMITED pursuant to clause 8.3 the Customer waives the right to receive notice under s.120 of the Personal Property Securities Act 1999 ("PPSA") and to object under s.121 of the PPSA.
- 8.5 The following shall constitute defaults by the Customer:
- 8.5.1 Non payment of any sum by the due date.
- 8.5.2 The Customer intimates that it will not pay any sum by the due date.
- 8.5.3 Any Products are seized by any other creditor of the Customer or any other creditor intimates that it intends to seize Products.
- 8.5.4 Any Products in the possession of the Customer are materially damaged while any sum due from the Customer to ATLAS GENTECH (NZ) LIMITED remains unpaid.
- 8.5.5 The Customer is bankrupted or put into liquidation or a receiver is appointed to any of the Customer's assets or a landlord distrains against any of the Customer's assets.
- 8.5.6 A Court judgment is entered against the Customer and remains unsatisfied for seven (7) days.
- 8.5.7 Any material adverse change in the financial position of the Customer.

9. PAYMENT ALLOCATION

- 9.1 ATLAS GENTECH (NZ) LIMITED may in its discretion allocate any payment received from the Customer towards any invoice that ATLAS GENTECH (NZ) LIMITED determines and may do so at the time of receipt or at any time afterwards and on default by the Customer may reallocate any payments previously received and allocated. In the absence of any payment allocation by ATLAS GENTECH (NZ) LIMITED, payment shall be deemed to be allocated in such manner as preserves the maximum value of ATLAS GENTECH (NZ) LIMITED' purchase money security interest in the Products.

10. DISPUTES AND RETURN OF PRODUCTS

- 10.1 No claim relating to the Products will be considered unless made within forty-five (45) days of delivery.
- 10.2 No Products will be accepted for return without prior approval of Atlas Gentech (NZ) Limited.
- 10.3 Atlas Gentech (NZ) Limited may allow returns for credit at its sole discretion, but in any event:
- 10.3.1 Any customised or special order Products will not be accepted for return under any circumstances.
- 10.3.2 Any requests for return must be made within forty-five (45) days of invoice.
- 10.3.3 Any Products considered for return must be in original packaging and undamaged.
- 10.3.4 All Products returned must be accompanied by original invoice or packing slip.
- 10.3.5 A 15% restocking fee may apply.

11. LIABILITY

- 11.1 The Consumer Guarantees Act 1993, the Fair Trading Act 1986 and other statutes may imply warranties or conditions or impose obligations upon ATLAS GENTECH (NZ) LIMITED which cannot by law (or which can only to a limited extent by law) be excluded or modified. In respect of any such implied warranties, conditions or terms imposed on ATLAS GENTECH (NZ) LIMITED, ATLAS GENTECH (NZ) LIMITED' liability shall, where it is allowed, be excluded or if not able to be excluded only apply to the minimum extent required by the relevant statute.
- 11.2 Except as otherwise provided by clause 11.1 ATLAS GENTECH (NZ) LIMITED shall not be liable for:
- 11.2.1 Any loss or damage of any kind whatsoever, arising from the supply of Products by ATLAS GENTECH (NZ) LIMITED to the Customer including consequential loss whether suffered or incurred by the Customer or another person and whether in contract or tort (including negligence) or otherwise and irrespective of whether such loss or damage arises directly or indirectly from Products provided by ATLAS GENTECH (NZ) LIMITED to the Customer; and

- 11.2.2 The Customer shall indemnify ATLAS GENTECH (NZ) LIMITED against all claims and loss of any kind whatsoever however caused or arising and without limiting the generality of the foregoing of this clause whether caused or arising as a result of the negligence of ATLAS GENTECH (NZ) LIMITED or otherwise, brought by any person in connection with any matter, act, omission, or error by ATLAS GENTECH (NZ) LIMITED its agents or employees in connection with the Products.

12. WARRANTY

- 12.1 Manufacturer's warranty applies where applicable.

13. CONSUMER GUARANTEES ACT

- 13.1 The guarantees contained in the Consumer Guarantees Act 1993 are excluded where the Customer acquires Products from ATLAS GENTECH (NZ) LIMITED for the purposes of a business in terms of section 2 and 43 of that Act.

14. PERSONAL GUARANTEE OF COMPANY DIRECTORS OR TRUSTEES

- 14.1 If the Customer is a company or trust, the director(s) or trustee(s) signing this contract, in consideration for ATLAS GENTECH (NZ) LIMITED agreeing to supply Products and grant credit to the Customer at their request, also sign this contract in their personal capacity and jointly and severally personally undertake as principal debtors to ATLAS GENTECH (NZ) LIMITED the payment of any and all monies now or hereafter owed by the Customer to ATLAS GENTECH (NZ) LIMITED and indemnify ATLAS GENTECH (NZ) LIMITED against non-payment by the Customer. Any personal liability of a signatory hereto shall not exclude the Customer in any way whatsoever from the liabilities and obligations contained in this contract. The signatories and Customer shall be jointly and severally liable under the terms and conditions of this contract and for payment of all sums due hereunder.

15. CANCELLATION

- 15.1 ATLAS GENTECH (NZ) LIMITED shall, without any liability, and without any prejudice to any other right it has in law or equity, have the right by notice to suspend or cancel in whole or in part any contract for the supply of Products to the Customer if the Customer fails to pay any money owing after the due date or the Customer commits an act of bankruptcy as defined in section 19 of the Insolvency Act 1967.
- 15.2 Any cancellation or suspension of this agreement shall not affect ATLAS GENTECH (NZ) LIMITED' claim for money due at the time of cancellation or suspension or for damages for any breach of any terms of this contract or the Customer's obligations to ATLAS GENTECH (NZ) LIMITED under this contract.

16. MISCELLANEOUS

- 16.1 ATLAS GENTECH (NZ) LIMITED shall not be liable for delay or failure to perform its obligations if the cause of the delay or failure is beyond its control.
- 16.2 Failure by ATLAS GENTECH (NZ) LIMITED to enforce any of the terms and conditions contained in this contract shall not be deemed to be a waiver of any of the rights or obligations ATLAS GENTECH (NZ) LIMITED has under this contract.
- 16.3 If any provision of this contract shall be invalid, void or illegal or unenforceable the validity existence, legality and enforceability of the remaining provisions shall not be affected, prejudiced or impaired.

ATLAS GENTECH

DATA COMMUNICATIONS SECURITY

ATLAS GENTECH (NZ) LIMITED
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