



The Right Source for Electronic Door Controls

FIRST IN THE INDUSTRY FOR INNOVATION, QUALITY AND VALUE!

CM-54 SERIES

ILLUMINATED PUSH PLATE SWITCH



- Changes color (blue, green or red) upon activation
- Increased visibility for access control and restroom applications
- 3 Models: CM-54B blue only; CM-54BR blue/red; CM-54GR green/red illumination
- Supported with the industry's largest selection of 4 1/2" square push plates

AURA
BY CAMDEN

1ST *'Changing State' Illuminated Push Plate Switch*

CM-120 SERIES

DIGITAL KEYPADS



- Field selectable Stand-Alone or Wiegand Output
- Optional 2 Channel Plug-in Lazerpoint RF™ Wireless Transmitter
- 999 Users with 10 million variable length codes
- (2) 3 Amp. Form 'C' Relays with independent control

1ST *Stand-Alone, Wiegand or Wireless Keypad*

CX-EPD2000 SERIES

PRE LOAD STRIKES



- Standard body models with selection of 4 faceplates
- EZ FIT™ 'no cut' model offers both vertical and horizontal faceplate adjustment
- 'All in One' 12/24V AC/DC and selectable fail safe/fail secure
- Latch monitoring and adjustable keeper standard

1ST *'No Cut' Strike with 65 lb. Pre Load*

CM-75 SERIES

9" AND 36" PUSH PLATE SWITCHES



- ADA compliant, meets or exceeds California building code
- Over 94 square inches total activation area (CM-7536)
- Choice of 4 different graphics, and aluminum or dark bronze finishes
- Optional 'snap-in' Lazerpoint RF™ wireless transmitters

1ST *Push Plate with (2) Redundant 15 Amp. Switches*

COLUMN™

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SEE PAGE 50 FOR DETAILS

ELECTRIC STRIKES

Camden strikes are designed for various commercial and industrial applications. They are precision engineered and UL1034 listed. All models are reversible for RH/LH doors and are continuous DC operation. Four stainless steel faceplate options are available. Latch monitoring is standard on pre-load 20 series and optional on 10/14/18 series. Five year warranty.

10 and 18 Series electric strikes are BHMA Grade 1 rated. Designed for heavy duty applications, the all-in-one strikes are factory tested to 1.5 million cycles and offer dual voltage, field selectable fail secure, fail safe operation. The 18 Series feature EZ Fit™ installation in any ANSI strike plate door frame opening without cutting or drilling. EZ Fit™ models are the only strikes on the market to offer both horizontal and vertical adjustability.



10 Series



18 Series
EZ FIT

BHMA GRADE 1, 10 AND 18 (EZ FIT) SERIES



STRIKES COMPLETE WITH FACEPLATES

Description	STRIKE ONLY* NO FACE PLATES	ANSI Square 4 7/8" x 1 1/4"	ANSI Round 4 7/8" x 1 1/4"	Hollow Metal Door 6 7/8" x 1 1/4"	Wood Door 7 15/16" x 1 7/16"	EZ Fit™
	Model	Model	Model	Model	Model	Model
Fail Safe/Fail Secure 12/24V AC/DC	CX-ED1000	CX-ED1010	CX-ED1020	CX-ED1030	CX-ED1040	CX-ED1850A
As above with latch monitoring	CX-ED1000L	CX-ED1010L	CX-ED1020L	CX-ED1030L	CX-ED1040L	CX-ED1850AL

*See page 5 for faceplate options

14 Series fire strikes are BMHA Grade 1 rated, factory tested to 1.5 million cycles. Dual voltage and field selectable fail safe/fail secure. CX-EL1400/10/20/30/40 electric strikes are UL1034 and Warnock Hersey fire rated. CX-EL1450A/AL models are UL10C fire rated for installation in fire rated doors without cutting or drilling. This eliminates the on-site inspection required by AHJ when installation of the strike alters the fire rating of the door.

BHMA GRADE 1, 14 SERIES (FIRE STRIKES)

STRIKES COMPLETE WITH FACEPLATES

Description	STRIKE ONLY* NO FACE PLATES	ANSI Square 4 7/8" x 1 1/4"	ANSI Round 4 7/8" x 1 1/4"	Hollow Metal Door 6 7/8" x 1 1/4"	Wood Door 7 15/16" x 1 7/16"	EZ Fit™
	Model	Model	Model	Model	Model	Model
Fire rated/Fail Secure 12/24V AC/DC	CX-EL1400	CX-EL1410	CX-EL1420	CX-EL1430	-	CX-EL1450A
As above with latch monitoring	CX-EL1400L	CX-EL1410L	CX-EL1420L	CX-EL1430L	-	CX-EL1450AL

*See page 5 for faceplate options



14 Series
Fire Rated



CX-EL1450A

ELECTRIC STRIKES

20 Series Pre Load electric strikes offer the highest pre load rating, 12/24V AC/DC operation, adjustable keeper, fail safe/fail secure operation, and latch monitoring. Latch cavity accommodates cylindrical locksets with 1/2" to 5/8" projection (1/8" door gap required) with a range of faceplates for installation in steel, aluminum and wood doors. EZ FIT™ CX-EPD2850L installs in a standard ANSI strike plate opening without the need to cut or drill the door frame. CX-EPD2850L also features horizontal and vertical faceplate adjustment.



EX-EPD2000L



EX-EPD2850L

BHMA GRADE 2, 20 SERIES PRE LOAD STRIKES

STRIKES COMPLETE WITH FACEPLATES

Description	STRIKE ONLY* NO FACEPLATES	ANSI Square 4 7/8" x 1 1/4"	ANSI Round 4 7/8" x 1 1/4"	Hollow Metal Door 6 7/8" x 1 1/4"	Wood Door 7 15/16" x 1 1/4"
	Model	Model	Model	Model	Model
Standard body, Fail Safe/Secure, 12/24V AC/DC, Latch Monitor	CX-EPD2000L	CX-EPD2010L	CX-EPD2020L	CX-EPD2030L	CX-EPD2040L
EZ FIT™, Fail Safe/Secure, 12/24V AC/DC, Latch Monitor		CX-EPD2850L			

*See page 5 for faceplate options

20 Series electric strikes are medium duty electric door strikes, are reversible for RH/LH doors, and rated for continuous DC operation. Available in various voltages; fail safe or fail secure.

BHMA GRADE 2, 20 SERIES



STRIKES COMPLETE WITH FACEPLATES

Description	STRIKE ONLY* NO FACEPLATES	ANSI Square 4 7/8" x 1 1/4"	ANSI Round 4 7/8" x 1 1/4"	Hollow Metal Door 6 7/8" x 1 1/4"	Wood Door 7 15/16" x 1 1/4"
	Model	Model	Model	Model	Model
Fail Safe 12VDC	CX-EU2005	CX-EU2015	CX-EU2025	CX-EU2035	CX-EU2045
Fail Safe 24VDC	CX-EU2008	CX-EU2018	CX-EU2028	CX-EU2038	CX-EU2048
Fail Secure 8-16V AC/DC	CX-EL2001	CX-EL2011	CX-EL2021	CX-EL2031	CX-EL2041
Fail Secure 12VDC	CX-EL2005	CX-EL2015	CX-EL2025	CX-EL2035	CX-EL2045
Fail Secure 12VDC	CX-EL2008	CX-EL2018	CX-EL2028	CX-EL2038	CX-EL2048

*See page 5 for faceplate options



20 Series

22 Series is designed for use with rim or surface mounted exit devices. Suitable for wood or hollow metal doors. Horizontally adjustable for optimal alignment and reversible for RH/LH doors.

BHMA GRADE 2, 22 SERIES - STRIKES COMPLETE WITH FACEPLATES



Description	Model
Fail Secure, 12VDC	CX-EL2255
Fail Secure, 24VDC	CX-EL2258



22 Series

ELECTRIC STRIKES

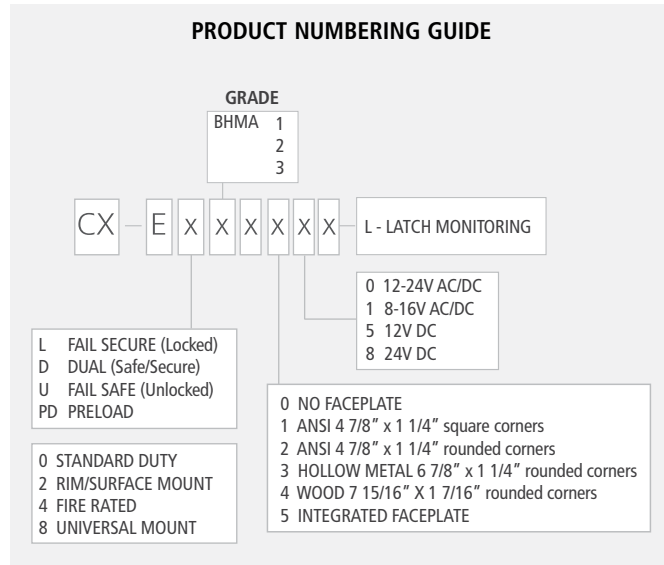
30 Series are BHMA grade 3 strikes. Adjustable keeper allows for easy installation. Reversible for RH/LH doors, and rated for continuous DC operation.

BHMA GRADE 3, 30 SERIES					
UL LISTED					
STRIKES COMPLETE WITH FACEPLATES					
	STRIKE ONLY NO FACEPLATES	ANSI Square 4 7/8" x 1 1/4"	ANSI Round 4 7/8" x 1 1/4"	Hollow Metal Door 6 7/8" x 1 1/4"	Wood Door 7 15/16" x 1 1/4"
Description	Model	Model	Model	Model	Model
Fail secure 8-16V AC/DC	CX-EL3001	CX-EL3011	CX-EL3021	CX-EL3031	CX-EL3041
Fail secure 12V DC	CX-EL3005	CX-EL3015	CX-EL3025	CX-EL3035	CX-EL3045
Fail secure 24V DC	CX-EL3008	CX-EL3018	CX-EL3028	CX-EL3038	CX-EL3048



30 Series

FACEPLATES - FIT ALL EXCEPT 14, 18 & 22 SERIES	
Model	Description
CX-ESP1	ANSI Square, 4 7/8" x 1 1/4" square corners
CX-ESP2	ANSI Round, 4 7/8" x 1 1/4" rounded corners
CX-ESP3	Hollow Metal Door, 6 7/8" x 1 1/4" rounded corners
CX-ESP4	Wood Door, 7 15/16" x 1 7/16" rounded corners



CABINET LOCKS

CX-EL8000 and **CX-EL8000L Cabinet Locks** are ideal for locking drawers, medical storage, lock boxes and display cases. These versatile locks can be installed in either the side or front of drawers and doors. 12/24V, AC/DC operation. Field selectable fail safe/fail secure.






CX-EL8000 SERIES	
Model	Description
CX-EL8000	Electric Cabinet Lock
CX-EL8000L	Electric Cabinet Lock with latch monitoring contacts












CX-EL8000 Series

POWER SUPPLIES & TRANSFORMERS

POWER SUPPLIES

	Model	Description
	CX-PS13	<ul style="list-style-type: none"> • Low cost linear power supply • Recommended for use with electric strikes • Self-resetting smart fuse protection • Input voltage: 6 – 26 VAC, depending on output voltage selected • Battery changing (200MA) • Output voltage; 2 - 24 VDC, 800mA • Transformer required. See manual for specification • Compact design; 2 11/16" L x 1 1/2" W x 1 3/4" H (68.6 mm x 38.1 mm x 45.5 mm)
 	CX-PS10UL	<ul style="list-style-type: none"> • UL 294, CSA, C22-2 • Latching fire alarm tie-in with reset • 1 amp output • 12 or 24 VDC selectable • AC power and status indicators • Short circuit and terminal protection • Battery charger (400mA) • Enclosure accommodates: one 12V DC/7 AH battery or two 12V DC/4 AH batteries* • 115 VAC power input • Enclosure dimensions: 8 1/2" x 7 1/2" x 3 1/2" (216 mm x 190 mm x 89 mm)
  <p data-bbox="186 1228 324 1249">*Batteries extra</p>	CX-PS30UL	<ul style="list-style-type: none"> • UL 294, UL603, UL14B1, CSFM & MEA • Multi-output power supply • Fire alarm & access control • Trigger connections • 5 individual circuit breakers • Protected outputs • AC fail supervision • DC output and charger supervision • 12/24 VDC output • 2.5 Amp output (CX-PS30UL) • Battery Charger (600mA) • Enclosure accommodates: two 12 V DC/7 AH batteries* • 115 VAC power input • Enclosure dimensions: 12 1/2" x 13" x 3 1/4" (318 mm x 330 mm x 83 mm)
	CX-PS60UL	<ul style="list-style-type: none"> • 6 amp output (CX-PS60UL)

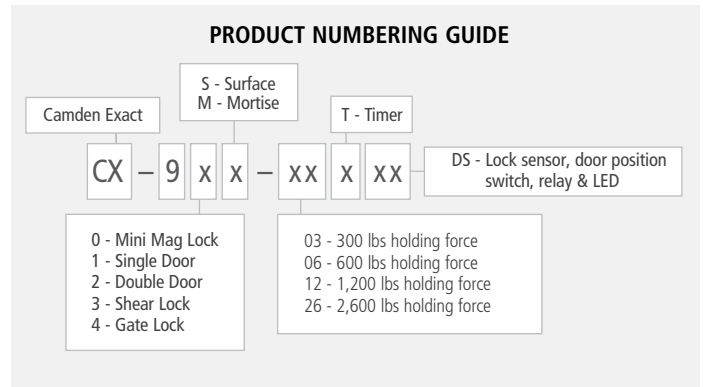
TRANSFORMERS

	Model	Description
 	NIPPLE MOUNT CX-TRN-2024	24 VAC, 20 VA nipple mount transformer
 	STANDARD MOUNT CX-TRX-2012 CX-TRX-4024	12 VAC, 20 VA standard mount transformer 24 VAC, 40 VA standard mount transformer
 	FUSED, STANDARD MOUNT CX-TRX-2024	24 VAC, 20 VA fused, standard mount transformer
 	PLUG-IN CX-TRP-4016	16 VAC, 40 VA plug-in transformer
	RECTIFIER CX-5024	Rectifier, (AC-DC Converter) 50 VA

MAGNETIC LOCKS

- Compatible with all access/egress systems
- Aluminum/stainless steel casings are weather and vandal resistant
- On board MOV's provide protection against voltage spikes and surges
- Assorted mounting brackets and filler plates available

TDS models are supplied with a Lock Sensor (Bond Sensor) to indicate that the door is secure. The built-in timer eliminates the need for add-on exit delay timers. Also included with TDS models: door position switch, relay, and LED.



	Model	Description	Current Draw	Dimensions
1200 lbs Surface Mount Single Door 	CX-91S-12 Basic		500 mA @ 12 V 250 mA @ 24 V	10 1/2" x 2 7/8" x 1 7/8" (267 mm x 73 mm x 48 mm)
	CX-91S-12TDS	c/w Adjustable Timer, Lock Sensor, Door status Switch, Relay & LED		
1200 lbs Surface Mount Double Doors 	CX-92S-12 Basic		2 x 500 mA @ 12 V 2 x 250 mA @ 24 V	21" x 2 7/8" x 1 7/8" (533 mm x 73 mm x 48 mm)
	CX-92S-12TDS	c/w Adjustable Timer, Lock Sensor, Door status Switch, Relay & LED		
600 lbs Surface Mount Single Door 	CX-91S-06	Basic	500 mA @ 12 V 250 mA @ 24 V	9 7/8" x 1 7/8" x 1" (251 mm x 48 mm x 25 mm)
	CX-91S-06TDS	c/w Adjustable Timer, Lock Sensor/Relay & LED		
600 lbs Surface Mount Double Doors 	CX-92S-06 Basic		2 x 500 mA @ 12V 2 x 250 mA @ 24V	19 5/8" x 1 7/8" x 11/16" (498 mm x 48 mm x 17 mm)
	CX-92S-06TDS	c/w Adjustable Timer, Lock Sensor/Relay & LED		
600 lbs Mortise Mount Single Door 	CX-91M -06	Basic	480 mA @ 12V 240 mA @ 24V	9" x 1 1/2" x 1 1/8" (229 mm x 38 mm x 29 mm)
	CX-91M -06TLS	c/w Adjustable Timer & Lock Sensor/Relay		
300 lbs Surface Mount Single Door 	CX-90S-03	Basic	360 mA @ 12 V 180 mA @ 24 V	6 1/2" x 1 3/8" x 13/16" (165 mm x 35 mm x 21 mm)
300 lbs Mortise Mount Single Door 	CX-90M-03	Basic	360 mA @ 12 V 180 mA @ 24 V	8" x 1 3/8" x 13/16" (203 mm x 35 mm x 21 mm)
1200 lbs Surface Mount Gate Lock 	CX-94S-12LS	c/w Lock Sensor/Relay	500 mA @ 12V 250 mA @ 24V	10 5/8" x 1 3/8" x 1 1/4" (270 mm x 35 mm x 32 mm)
2600 lbs Shear Lock <ul style="list-style-type: none"> • Ultra low current draw • Compact mortise mount • Self aligning 	CX-93M-26LS	c/w Lock Sensor/Relay	480 mA @ 12 V 240 mA @ 24 V	9 1/16" x 1 1/4" x 1 1/16" (203 mm x 32 mm x 27 mm)

MAGNETIC LOCKS

MAGNETIC LOCK ACCESSORIES

		Model	Description	Dimensions
	Armature Housing	CX-0001	For 1200 lbs Magnet	7 15/16" x 3" x 5/8" (202 mm x 76 mm x 16 mm)
		CX-0011	For 600 lbs Magnet	7 15/16" x 2 3/16" x 5/8" (202 mm x 56 mm x 16 mm)
	Adjustable L Bracket	CX-1001	For 1200 lbs Magnet	10 1/2" x 3" x 1 1/2" (267 mm x 76 mm x 38 mm)
		CX-1011	For 600 lbs Magnet	9 13/16" x 1 15/16" x 1 1/8" (250 mm x 49 mm x 29 mm)
	Set of L & Z Brackets	CX-1002	For 1200 lbs Magnet	10 1/2" x 3" x 1 13/16" (267 mm x 76 mm x 46 mm)
		CX-1012	For 600 lbs Magnet	6 5/16" x 2 1/2" x 2 1/2" (160 mm x 64 mm x 64 mm) 9 13/16" x 1 13/16" x 1 1/8" (250 mm x 46 mm x 29 mm) 6 3/16" x 2" x 2" (160 mm x 51 mm x 51 mm)
	Angle Bracket	CX-1003	For 1200 & 600 lbs Mags	10 1/2" x 1 1/2" x 1" (267 mm x 38 mm x 25 mm)
	Space Bar	CX-1004	For 1200 & 600 lbs Mags	10 1/2" x 11/16" x 5/8" (267 mm x 17 mm x 16 mm)
	Stainless Steel Surface Mounting Kit	CX-1008	For 2600 lbs shear lock	9 1/4" x 1 5/8" x 1 1/2" (235 mm x 41 mm x 38 mm)
	Glass Door Mounting Kit	CX-1013	For 1200 and 600 lbs Mags, use on 1/2" or 3/4" thick doors	7 1/4" x 2 7/16" x 1 1/4" (184 mm x 62 mm x 32 mm)
	Mounting Bracket/Spacer	CX-AL005	For 600 lbs Mags	9 7/8" x 1" x 3/16" (251 mm x 25 mm x 5 mm)
	Mounting Bracket/Spacer	CX-AL015	For 1200 lbs Mags	10 1/2" x 1 9/16" x 1/4" (267 mm x 40 mm x 32 mm)

REPLACEMENT PC BOARDS

Model	Description	Dimensions
CX-91S-06PCB	For 600 lbs. Magnet	2 3/8" x 1 3/4 "
CX-91S-06TLSPCB	For 600 lbs Magnet TLS/TDS	2 3/8" x 1 3/4 "
CX-91S-12PCB	For 1200 lbs Magnet	2 3/8" x 1 3/4 "
CX-91S-12TLSPCB	For 1200 lbs Magnet TLS/TDS	2 3/8" x 1 3/4 "
CX-91S-12PCBV2	For 1200 lbs Magnet	2 3/8" x 1 3/4 " (60 mm x 45 mm)



CX-91S-12PCB



CX-91S-12PCBV2




CX-91S-12TLSPCB

If you are unable to match the photos below with the Mag-lock PC board that you need replaced, contact factory for assistance.

RELAYS AND TIMERS

Exact provides a wide range of practical interface devices for use with mag locks and other electrified door hardware. From basic timers to special purpose relays, we offer solutions for banking, barrier free access, and high-security applications.

ADJUSTABLE TIME DELAYS

MicroMinder	Model	Application	Description	Specs
	CX-1000/74	Ideal for (de) energizing an electric strike or magnet for an adjustable time, or for use with automatic doors.	<ul style="list-style-type: none"> • Ultra compact design • Adjustable delay from 1 – 30 seconds • Color coded leads & plastic case 	<ul style="list-style-type: none"> • 12-24 VAC/DC • SPDT contacts rated 3 Amps @ 30 VDC • Dimensions: 1 1/4" x 2 1/4" x 3/4" (32 mm x 57 mm x 19 mm)
	CX-1000/75	Compact board-only design perfect for integration within boxes or cabinets. Extends time of strikes/electromagnetic locks.	<ul style="list-style-type: none"> • Adjustable delay from 1 – 15 seconds • Basic easy-to-operate delay-on-release timer 	<ul style="list-style-type: none"> • 12-24 VDC operation • SPDT contacts rated 2 Amps @ 28 VDC • Dimensions: 29/32" x 1 5/8" (23 mm x 41 mm)
	CX-1000/77	High precision extended timer uses dipswitches to adjust time delay from 1 second to 4 hours. Sauna/whirlpool/lock control are among its many applications.	<ul style="list-style-type: none"> • Adjustable delay from 1 second – 4 hrs. • Dipswitch programming for accuracy • Normal / fail safe output 	<ul style="list-style-type: none"> • 12-24 VDC • SPDT contacts rated 5 Amps @ 30 VDC • Dimensions: 2" x 3" (51 mm x 76 mm)
	CX-1000/78 (Replaces CX-1000/76 and CX-1000/79)	Multi purpose relay can extend time on automatic door operators. Wet input suitable for use with radio controls on apartment entry and fire alarm panels. Delay-on-activate feature is ideal for overhead door or similar applications which require a nuisance delay relay.	<ul style="list-style-type: none"> • Adjustable delay from 1 – 30 seconds • Adjustable trigger delay of 0 – 10 seconds • Latching option • Dipswitch programming • LCD's for visual relay status 	<ul style="list-style-type: none"> • 12-24 VAC/DC • SPDT contacts rated 2 Amps @ 28 VDC • Dimensions: 2 1/2" x 3 1/2" x 3/4" (64 mm x 89 mm x 19 mm)
	CX-247-12 CX-247-24 CX-247H-12 CX-247H-24	With up to 8 flexible daily or weekly (on/off) schedules, the CX-247 can automatically activate/de-activate electric locks and magnets, automatic doors; or control lighting or energy management devices.	<ul style="list-style-type: none"> • 8 daily or weekly schedules • Internal memory back-up • Easy to program / setup • Extremely compact size • H models feature "First-Man-In" function (holiday/snow day) 	<ul style="list-style-type: none"> • 12 VAC/DC or 24 VAC/DC models • SPDT contacts rated 16 Amps @ 30 VDC, N/O + N/C • Dimensions: 2 3/8" x 2 3/8" x 1 1/4" (60 mm x 60 mm x 32 mm)

RELAYS AND TIMERS

ADJUSTABLE TIME DELAYS (CONTINUED)

Pneumatic Time Delays



Model
CX-1085
CX-1085M

Application
Pneumatic time delays require no electricity to operate and work with most Camden key switches (CX-1085) and exit buttons (CX-1085M). The timing range is 1 – 60 seconds, easily adjustable by thumbscrew. Ideal for use where fire/building codes mandate non-electronic means of egress.

Description

- Pneumatic time delay requires no power to operate
- Used to de-activate magnetic locks in an emergency
- Suitable for CM-1200/2200/3200/3500, CM-1000/1100/2000 Key Switches (CX-1085)
- Suitable for CM-4000-8000 series Exit Switches (CX-1085M)

Specs

- 1 – 60 second timer
- DPST form Z contacts, N/O & N/C, rated 5 Amps @ 24V DC
- **Select switch models are UL294 / NFPA 101 Compliant** (See pages 14 & 15)

DOOR INTERFACE RELAYS

Switching Network



Model
CX-SA-1

Application
A versatile make/break relay, the SA-1 features separate triggers and multiple operating modes, for smoke-evac or uni-directional sequencing applications.

Description

- Momentary and extended trigger
- 3 operating modes
- noise filtering ensures reliability
- 3 LED's for visual confirmation

Specs

- 12-24 V AC/DC
- 2 SPDT contacts rated 2 Amps@30 VDC
- 3 Timers: 1/4 – 30 seconds
- Dimensions: 4" x 3 1/2" x 3/4" (104 mm x 88 mm x 19 mm)

Switching Network



CX-12

Make/break relay will (de) energize an electric lock, then after an adjustable delay, activate the operator relay.

Bi-Directional Door Sequencer: Sequence two automatic doors in both directions.

Description

- Bi-Directional Sequencing Mode
- 3 adjustable delays, up to 30 seconds max.
- LED's for visual display
- Accepts wet or dry inputs
- Maintained output for smoke EVAC

Specs

- 12/24 V AC/DC operation
- 2 SPDT contacts rated 3 Amps @ 30V DC
- Input for connection to telephone entry system
- One shot design for security
- Dimensions: 4" x 3 1/2" x 3/4" (104 mm x 83 mm x 19mm)

Camden's Lock-Out Relay is used on Automatic Swing Doors to "Lock-out" the safety sensor during the closing cycle of the door. Compatible with most safety sensors and door operators. When used with a guard rail mounted safety beam, the lock-out provides maximum safety on swing doors.

LOCK-OUT RELAY



Model
CX-PC-6
(Replaces PC-3 and PA-5)

Application
Dual function relay. First, as a basic lock-out-relay (L.O.R.) for header mount sensors on full-speed or low energy doors. Second, as a secondary activation module (SAM) for low-energy doors activated by push button.

Description





- Suitable for any automatic door operator (even PAC)
- L.O.R. is timer controlled
- SAM mode works with any door mount sensor
- Door position switch is included

Specs

- Motor/Solenoid Input 6-120 AC/DC
- 12/24V AC/DC operation
- Door beam input
- 2 LED indicators
- 3 – 30 second timer
- Dimensions: 2" x 4" x 1" (50 mm x 104 mm x 25 mm)

RELAYS AND TIMERS

SPECIAL PURPOSE RELAYS

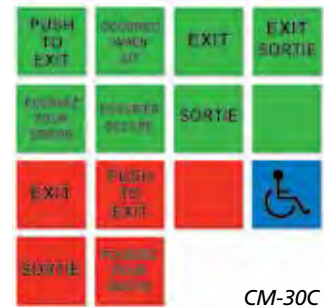
Dual Function	Model	Application	Description	Specs
 <p>FOR USE ON BARRIER FREE RESTROOMS</p>	CX-22	<p>Compact, user-friendly dual-function relay designed to</p> <p>a) sequence two automatic doors in both directions, and</p> <p>b) control restroom doors in shared-use facilities.</p> <p>Applications include barrier-free restrooms in hospitals, nursing homes, hotels; and vestibule sequencing in libraries, shopping malls, banks, restaurants etc.</p>	<p>• Micro-processor controlled</p> <p>• Wet/Dry Inputs</p> <p>• Mode Selector switch</p> <p>• Use with:</p> <ul style="list-style-type: none"> - Normally locked or unlocked restroom doors - Fail safe or fail secure locks. <p>• 3 adjustable timers</p> <p>• 2 SPDT outputs</p> <p>• LED's for visual confirmation</p>	<p>• 12 – 24 V AC/DC</p> <p>• 4 inputs – 2 Dry & 2 Wet</p> <p>• 2 SPDT contacts rated 3 Amps @ 30 VDC</p> <p>• 3 Timers: 1 – 30 seconds</p> <p>• Dimensions: 2 1/4" x 3 1/4" x 3/4" (57 mm x 83 mm x 19 mm)</p>
	<p>CX-WC</p> <p>CX-WC1</p>	<p>Complete kit includes CX-22 Dual Function Relay, CM-400/8 'Push to Lock' Push Button, and CX-MDC surface mount door contacts</p> <p>Complete kit includes CX-22 Dual Function Relay, CM-400/8 'Push to Lock' Push Button, CM-30 OWL 'Occupied When Lit' illuminated sign, and CX-MDC surface mount door contacts</p>		
	CX-MDC	Magnetic Door Contact		
	<p>CX-EMF-2</p> <p>CX-EMF-2M</p> <p>CX-EMF-2ABM</p>	<p>Camden Door Controls EMF-2 is our second generation Multi-function relay. EMF-2 is designed to easily and quickly handle a variety of specialized door-control tasks</p> <p>Same as above</p> <p>Same as above but configured for ABM vestibules</p>	<p>• ABM Vestibule Control (Banks)</p> <p>• Single door unsecured restroom in shared-use facility</p> <p>• Single door secured restroom in shared-use facility</p> <p>• Two-door unsecured restroom in shared-use facility</p> <p>• 2/3 door Airlock (with auto-crossing)</p> <p>• 2 – 5 door Airlock</p> <p>• 2 door Mantrap</p> <p>• Wall mount metal cabinet is lockable and has illuminated ON/Off switch for door status.</p> <p>• Wall mount metal cabinet is lockable and has two illuminated control switches.</p>	<p>• Microprocessor control</p> <p>• New Compact design</p> <p>• Accepts up to 8 Inputs</p> <p>• 5 Form C relay outputs</p> <p>• 12-24V AC/DC</p> <p>• Plug-In connectors facilitate wiring</p> <p>• Dimensions: 6 3/4" x 2 15/16" x 1" (172 mm x 75 mm x 25 mm)</p> <p>• Dimensions: 12" x 7 1/2" x 3 3/4" (304 mm x 190 mm x 95 mm)</p> <p>• Dimensions: 12" x 7 1/2" x 3 3/4" (304 mm x 190 mm x 95 mm)</p>

ILLUMINATED PUSH BUTTONS

Camden offers the widest selection of illuminated push button switches to support any NFPA compliant access control, ADA compliant automatic door, or industrial control application.

Illuminated Vandal Resistant push buttons are also available on page 17. CM-9600 series buttons are supported with a lifetime warranty and feature piezoelectric sensor button, LED illumination and a 40 second adjustable timer.

CM-30 'Universal' 2" Square Illuminated Push Buttons are supplied with a single gang stainless steel faceplate, SPDT momentary switch, wide selection of label inserts, standard and tamperproof mounting screws (with driver). LED bulbs, as well as DPDT switch optional.



CM-30C

'UNIVERSAL' ILLUMINATED EXIT SWITCHES



Model	Description
CM-30U	(12) English and Spanish insert labels, 12V - 28V incandescent
CM-30U/LED	As above 12V - 24V LED
CM-30C	(14) English and French insert labels, 12-28V incandescent
CM-30C/LED	As above 12-24V LED

The most insert labels offered in the industry

UL294 & UL61058-1 Compliant

Note: For DPDT switch, add 'DP' to product model numbers above.

'ECONOMY' ILLUMINATED EXIT SWITCHES



Model	Description
CM-30E*	Green switch, 'Push to Exit', 12-28V incandescent
CM-30 OWL	Green sign, 'Occupied when Lit', 12-28V incandescent

Save \$ on our most popular models

UL294 & UL61058-1 Compliant



CM-30U

CM-30EE Egress Switches offer all the features of CM-30 switches with a built-in 30 second electronic timer, and double break circuitry for additional safety. 12/24V operation.

SQUARE ILLUMINATED TIMED EGRESS

	Single Gang Faceplate	Narrow Faceplate
Description	Model	Model
2" green PUSH TO EXIT button, single gang, deep in-wall mounting box included	CM-30EE*	—
Rectangular Green exit button, narrow style	—	CM-310EE

UL294 & UL61058-1 Compliant



CM-30 OWL



CM-30EE

CM-310EE


Pneumatic Egress Switches also available! Camden also offers mushroom push button switches with built-in adjustable pneumatic timers to meet the requirements of NFPA 101. CM-4085PTE (1 5/8" button) and CM-5085PTE (23/8" button) are ADA, UL294 & UL61058-1 Compliant. See page 14 for details.

PUSH BUTTONS

CM-300 Series Rectangular Illuminated Switches are supplied with single gang or narrow stainless steel faceplates. 1/2" x 3/4" illuminated buttons in red or green. Exit logo screened under protective bezel. Momentary operation. Incandescent bulb operates on 12V or 24V DC.

RECTANGULAR ILLUMINATED

	Red, Exit	Green, Exit
Description	Model	Model
Single gang faceplate, SPDT momentary As above 'Push to Exit'	CM-300R CM-300RPTE*	CM-300G CM-300GPTE*
Narrow faceplate, SPDT momentary As above 'Push to Exit'	CM-310R CM-310RPTE*	CM-310G* CM-310GPTE

*  UL294 & UL61058-1 Compliant



CM-300RE

CM-300 LETTERING OPTIONS

Description

- Plain (no wording), delete E suffix
- With SALIDA, add SA suffix
- With Sortie, add S suffix
- With Exit/SALIDA, add ESA suffix
- With Exit/Sortie, add ES suffix
- For other custom lettering, contact factory



CM-310GE



CM-310PTE

CM-3000 Series Illuminated Mushroom Push Button are supplied with large 1 5/8" red buttons (green optional), LED bulb, (12/24V operation), heavy duty cast aluminum faceplate, and contact block.

MUSHROOM ILLUMINATED



	Single Gang Faceplate	Narrow Faceplate
Description	Model	Model
Spring return, N/O, SPST momentary	CM-3000R	CM-3100R
Spring return, N/C, SPST momentary	CM-3010R	CM-3110R
Spring return, N/O and N/C, DPST momentary	CM-3020R	CM-3120R
Push/Pull, N/O SPST maintained	CM-3030R	CM-3130R
Push/Pull, N/C SPST maintained	CM-3040R	CM-3140R
Push/Pull, N/O and N/C, DPST maintained	CM-3050R	CM-3150R



CM-3000R

CM-3000 COLOR OPTIONS

Description

- Red – standard
- Green – add G suffix, instead of R



PUSH BUTTONS

Mushroom Exit Switches are available with spring return, push/pull, push/turn to release, or key locking operation. Choice of switch configurations, including adjustable pneumatic time delay. Supplied with a 1 5/8" or 2 3/8" mushroom button (red, blue or green), cast aluminum or 18 gauge stainless steel faceplate, and contact block.



MUSHROOM EXIT SWITCHES – CAST ALUMINUM FACEPLATES

Description	Single Gang	Narrow Faceplate	Single Gang
	1 5/8" button	1 5/8" button	2 3/8" button
Model	Model	Model	Model
Spring return, N/O, SPST momentary	CM-4000	CM-4100	CM-5000
Spring return, N/C, SPST momentary	CM-4010	CM-4110	CM-5010
Spring return, N/O and N/C, DPST momentary	CM-4020	CM-4120	CM-5020
Push/Pull, N/O, SPST maintained, red only	CM-4030	CM-4130	CM-5030
Push/Pull, N/C, SPST maintained, red only	CM-4040	CM-4140	CM-5040
Push/Pull, N/O and N/C, DPST maintained, red only	CM-4050	CM-4150	CM-5050
Push/Turn to Release, N/O, SPST maintained, red only	—	—	CM-5060
Push/Turn to Release, N/C, SPST maintained, red only	—	—	CM-5070
Push/Turn to Release, N/O and N/C, DPST maintained, red only	—	—	CM-5080
Spring return, DPST 1-60 second pneumatic time delay	CM-4085	CM-4185	CM-5085
Spring return, DPST 1-60 second pneumatic time delay, Push to Exit	CM-4085PTE*	—	CM-5085PTE*
Push to Lock, key to release, N/O, SPST maintained, red only	—	—	CM-6030
Push to Lock, key to release, N/C, SPST maintained, red only	—	—	CM-6040
Push to Lock, key to release, N/O and N/C, DPST maintained, red only	—	—	CM-6050

WITH PNEUMATIC TIMER

COLORS: Add suffix to product number for button color: (R) Red, (B) Blue, (G) Green. If not specified RED will be supplied.

UL294 & UL61058-1 Compliant

ENGRAVING OPTIONS FOR CM-3000/4000/5000/7000/8000

Model	Description
CM-XXXX-E	Add "E" to product # for EXIT engraved (in white)
CM-XXXX-ES	Add "ES" to product # for the words EXIT and SORTIE engraved (in white)
CM-XXXX-ESA	Add "ESA" to product # for the words EXIT and SALIDA engraved (in white)
CM-XXXX-H	Add "H" to product # for wheelchair symbol engraved (in white)
CM-XXXX-S	Add "S" to product # for SORTIE engraved (in white)
CM-XXXX-SA	Add "SA" to product # for SALIDA engraved (in white)
	For custom engraving or screening, contact factory.



CM-5085PTE

CM-6000



CM-4100 (Shown with optional logos) CM-4000

PUSH BUTTONS

MUSHROOM EXIT SWITCHES - STAINLESS STEEL FACEPLATES



Description	Single Gang Faceplates			Double Gang Faceplates		
	N/O Contact	N/C	N/O and N/C	N/O Contact	N/C	N/O and N/C
Plain faceplate, SPST	Model CM-400/1	Model CM-410/1	Model CM-420/1	Model CM-500/1	Model CM-510/1	Model CM-520/1
With wheelchair logo	CM-400/2	CM-410/2	CM-420/2	CM-500/2	CM-510/2	CM-520/2
With wheelchair, Push to Open and Automatic door logos	CM-400/4	CM-410/4	CM-420/4	CM-500/4	CM-510/4	CM-520/4
With Push to Open	CM-400/6	CM-410/6	CM-420/6	CM-500/6	CM-510/6	CM-520/6
With Push to Exit	CM-400/7	CM-410/7	CM-420/7	—	—	—
With Push to Lock	CM-400/8	CM-410/8	CM-420/8	—	—	CM-520/8
EXIT engraved on button	—	—	CM-420E	—	—	CM-520E
Push to Exit engraved on button	—	—	CM-420PTE	—	—	—

COLORS: Add suffix to product number for button color: (R) Red, (B) Blue, (G) Green. If not specified RED will be supplied.
For narrow faceplate add (N) to product # e.g. CM-XXX/XN No Charge.

Ideal for use with CX-22 on barrier free restrooms



CM-400/8



CM-420E



CM-500/2

CM7000/8000 Series provide excellent performance at competitive price points. Solid cast aluminum faceplates with choice of recessed or extended 1" round buttons. CM-7000 series has protective collar around the button. CM-8000 button extends out from the collar for easy access and activation. Pneumatic time delay available with both series.

MEDIUM DUTY SWITCHES



	Recessed Button		Extended Button	
	Single Gang Faceplate	Narrow Faceplates	Single Gang Faceplate	Narrow Faceplates
Spring return, N/O, SPST momentary	Model CM-7000*	Model CM-7100*	Model CM-8000*	Model CM-8100*
Spring return, N/C, SPST momentary	CM-7010*	CM-7110*	CM-8010*	CM-8110*
Spring return, N/O and N/C, DPST momentary	CM-7020*	CM-7120*	CM-8020*	CM-8120*
Spring return, DPST 1-60 second pneumatic time delay	CM-7085	CM-7185	CM-8085	CM-8185

WITH PNEUMATIC TIMER



CM-8100



CM-7000

COLORS: Add suffix to product number for button color: (R) Red, (G) Green. If not specified RED will be supplied.

* UL61058-1, IEC 61058-2-4 and CAN/CSA-C22.2 Compliant



PUSH BUTTONS

VANDAL RESISTANT SWITCHES

CM-9000 Series Switches are all-steel construction, set in a 1/4" thick aluminum plate. These super tough, low profile switches can withstand attack of all types, even direct hammer blows. Includes faceplate, 7/8" steel button, and security screws.

CM- 9000 SERIES MECHANICAL PUSH BUTTONS

Description	Jamb Width		Single Gang	
	Model	Model	Model	Model
DPDT momentary blank	CM-9180		CM-9080	
DPDT, momentary 'Push to Exit'	CM-9180PTE*		CM-9080PTE*	
DPDT maintained blank	CM-9190		CM-9090	

Add E to product #, for EXIT logo laser engraved on faceplate

Add H to product #, for WHEELCHAIR logo laser engraved on faceplate



UL294 & UL61058-1 Compliant



CM-9080PTE



CM-9180

PIEZO Push Switches incorporate a patented non-moving one-piece design, which is virtually impervious to attack or compromise. Tested to 50 million cycles for use under extreme conditions, these sealed aluminum switches carry a LIFETIME WARRANTY.

They are extreme temperature rated -40 C° to +125 C° (-40 F° to +257 F°), with IP68 environmental protection.

Supplied with heavy duty stainless steel or cast aluminum faceplates and security screws.



CM-9200/9300 Series are fully sealed piezo push buttons. These "1" round switches are available in red or green, with either a single gang or jamb width stainless steel faceplate.

CM-9200/9300 SERIES PIEZO PUSH BUTTONS

Description	Jamb Width		Single Gang	
	Red	Green	Red	Green
	Model	Model	Model	Model
Mom, N/O, 0-24V AC/DC	CM-9380R	CM-9380G	CM-9280R	CM-9280G

Add E to product #, for EXIT logo laser engraved on faceplate

Add H to product #, for WHEELCHAIR logo laser engraved on faceplate



CM-9280



CM-9380



PUSH BUTTONS

CM-9600 Series illuminated piezo switches offer several added features, including an integrated 40 second adjustable timer. Field selectable for fail safe/non fail-safe mode. 12/24 VDC operation with N/O & N/C outputs. May be set for green to red, red to green, or non-illuminated to illuminated operation. Countless applications including REX, automatic doors, building controls, and factory automation. Use optional cable to connect to access control system, to indicate lock status.



CM-9600/7
Red Illumination



CM-9610



CM-9700



CM-9710H

CM-9600 SERIES PIEZO PUSH BUTTONS

	Single Gang	Narrow Faceplate
Description	Model	Model
Blank faceplate	CM-9600/1	CM-9610/1
Wheelchair logo	CM-9600/2	CM-9610/2
Wheelchair/Push to Open	CM-9600/4	CM-9610/4
PUSH TO LOCK	CM-9600/5	CM-9610/5
PUSH TO OPEN	CM-9600/6	CM-9610/6
PUSH TO EXIT	CM-9600/7	CM-9610/7
EMPUJE PARA ABRIR	CM-9600/8	CM-9610/8
POUSSEZ POUR SORTIR	CM-9600/9	CM-9610/9

CM-9600 SERIES PIEZO PUSH BUTTONS OPTIONS

Description	Model
Cable for remote activation/control of LED 12/24V DC Operation	CM-9600/C

CM-9700 Series piezo switches offer the ultimate in protection against vandalism, inclement weather, and abuse. Solid monoblock aluminum construction. No moving parts to wear out. Solid state output (N/O). No power required to operate. Choice of single gang or jamb widths. Supplied with green PUSH TO EXIT label. French, Spanish, wheelchair labels on request (no charge).

CM-9700 SERIES PIEZO PUSH BUTTONS

	Single Gang	Jamb Width (Narrow)
Description	Model	Model
Green, PUSH TO EXIT	CM-9700	CM-9710
Green, EMPUJE PARA ABRIR	CM-9700SP	CM-9710SP
Green, POUSSEZ POUR SORTIR	CM-9700F	CM-9710F
Blue, WHEELCHAIR LOGO	CM-9700H	CM-9710H

PUSH BUTTONS

Economy Push Buttons feature a 1" red SPDT momentary snap-action button, rated 20 amps @30V DC. Choice of stainless steel or plastic faceplates. Various sizes and faceplate logos.

BLUE PLASTIC SURFACE MOUNT ENCLOSURES



	Hard Wired	Complete with RF Transmitter
Description	Model	Model
Wheelchair /PUSH TO OPEN/Automatic door	CM-150/4	CM-150/4RC



UL61058-1, IEC 61058-2-4 and CAN/CSA-C22.2 Compliant



CM-150/4

STAINLESS STEEL FACEPLATES



	Narrow Jamb	Single Gang
Description	Model	Model
Plain faceplate	CM-250/1	CM-280/1
Wheelchair logo	CM-250/2	CM-280/2
Wheelchair/PUSH TO OPEN	CM-250/4	CM-280/4
PUSH TO LOCK	CM-250/5	CM-280/5
PUSH TO OPEN	CM-250/6	CM-280/6
PUSH TO EXIT	CM-250/7	CM-280/7
POUSSEZ POUR SORTIR	CM-250/8	CM-280/8
Wheelchair/SALIDA	CM-250/9	CM-280/9



UL61058-1, IEC 61058-2-4 and CAN/CSA-C22.2 Compliant



CM-250/5



CM-280/5

ALUMINUM FACEPLATES - HORIZONTAL



	Narrow Jamb
Description	Model
Horizontal style, Wheelchair logo	CM-200/2H
Horizontal style, Wheelchair/PUSH TO OPEN	CM-200/4H
Horizontal style, PUSH TO OPEN	CM-200/6H



CM-200/6H

PARTS FOR PUSH BUTTONS

CONTACT BLOCK/SWITCHES	N/O	N/C	N/O & N/C	DPDT
Description	Model	Model	Model	Model
For CM-40/41/45/60 15A @30V DC	—	—	CM-45/10	CM-45/20
For CM-3000-8000 10A@30V DC	CM-4000/50N	CM-4000/51N	CM-4000/54N	—
For CM-400 and CM-3000 to 8000 10A @30V DC Additional circuit	CM-4000/60N	CM-4000/61N	—	—



CM-45/10

REPLACEMENT BULBS & LED'S	12V	24V
Description	Model	Model
Incandescent Bulb (12/24V) For CM-30 series	CM-30/32	—
Incandescent Bulb (12/24V) For CM-300 series	CM-300/31	—
Red LED (12/24V) For CM-3000 series	CM-3000/37	—
Green LED (12/24V) For CM-3000 series	CM-3000/37G	—
Red LED	CM-7012	CM-7024
Green LED	CM-7112	CM-7124
Bi-color LED	CM-7312	CM-7324
Amber LED	CM-7412	CM-7424



LED'S

BUTTONS	RED	BLUE	GREEN
Description	Model	Model	Model
Illuminated mushroom (1 5/8")	CM-3000/10N	—	CM-3000/30N
Illuminated mushroom push/pull	CM-3000/15N	—	CM-3000/34N
Mushroom (1 5/8") spring return	CM-4000/10N	CM-4000/20N	CM-4000/30N
Mushroom (1 5/8") push/pull	CM-4000/15N	—	—
Palm (2 3/8") spring return	CM-5000/10N	CM-5000/20N	CM-5000/30N
Palm (2 3/8") push/pull	CM-5000/15N	—	—
Locking palm (2 3/8") w/keys	CM-6000/10N	—	—
Round flush (1")	CM-7000/10N	—	CM-7000/30N
Round extended (1")	CM-8000/10N	—	CM-8000/30N
Steel flush (7/8") momentary	CM-9000/10	—	—
Steel flush (7/8") maintained	CM-9000/15	—	—
Piezo round button (1")	CM-9200/10	—	—



CM-3000 Series



CM-7000 Series
(Shown with optional EXIT logo)

FACEPLATES	JAMB WIDTH	SINGLE GANG
Description	Model	Model
Brushed aluminum	CM-3000/45	CM-3000/40



CM-8000 Series

TAMPERPROOF SCREWS AND BITS	
Description	Model
Torx security screws 6-32 x 3/4"	CM-1000/80
Torx security screws (box of 100)	CM-1000/81
Close-up plug for Piezo Keypads (1)	CM-1000/84
Security key for CM 100 SS series keypads	CM-1000/88
Snake eye tamper proof screws (Spanner Head) 6-32 x 3/4"	CM-1000-90
Snake eye tamper proof screws (box of 100)	CM-1000/91



CM-3000/40
(Shown with optional LED's)



SPECIAL PURPOSE SWITCHES

Sure-Wave™ Hands-Free Switches offer the ultimate in performance, public health safety, and convenience.

Sure-Wave™ is recommended for use in barrier-free applications, restrooms, hospitals and clean rooms. Sure-Wave™ is also ideal for commercial and industrial applications where hands-free activation is desired, such as drive-up windows, and kitchen doors in restaurants.

Sure-Wave™ features an operating range of 1-26", adjustable time delay of 1-5 seconds, and provides superior performance in all ambient lighting conditions. Choice of one-piece molded ABS or stainless steel faceplates. May be used in all weather conditions and environments.

Sure-Wave™ operates on 12 – 24 V AC/DC, and has a heavy-duty 5 amp relay, ensuring compatibility with all automatic door operators and electrified locks.



CM-324/2N



CM-324/2



CM-324/3W



CM-324/3WS

CM-324 SURE-WAVE™ POLYCARBONATE FACEPLATES



	Jamb Width	Single Gang	Double Gang*
Description	Model	Model	Model
Plain (blank faceplate)	CM-324/1N	CM-324/1	CM-324/1W
Hand Icon	CM-324/2N	CM-324/2	CM-324/2W
Hand & "Wave to Open"	CM-324/3N	CM-324/3	CM-324/3W

CM-324 SURE-WAVE™ STAINLESS STEEL FACEPLATES



	Single Gang	Double Gang*
Description	Model	Model
Plain (blank faceplate)	CM-324/1S	CM-324/1WS
Hand Icon	CM-324/2S	CM-324/2WS
Hand & "Wave to Open"	CM-324/3S	CM-324/3WS

*CM-43CBLA surface mounting box required for double gang models

Remote Door Release Switches may be easily mounted under desks / counters, or on walls. Brushed aluminum NEMA box, or shallow black or beige plastic enclosures. Panel mounted rocker switch – momentary or maintained versions.

ROCKER SWITCHES

	SPDT Momentary	SPST Maintained
Description	Model	Model
NEMA box	CM-810	CM-820
Black Plastic	CM-830	CM-840
Beige Plastic with Key Symbol	CM-850	-



CM-810/820



CM-830/840




CM-850



SPECIAL PURPOSE SWITCHES

Request-to-Exit Sensor utilizes passive infra-red technology. Dual pyros for increased stability. Ceiling, wall or frame mounted. Adjustable coverage for single and double doors. Adjustable 0.25-60 second timer, 2-24V AC/DC. Two form C relay outputs for activating cameras, remote devices, door shunting or to de-activate mag lock in case of system failure. Fail-safe or fail-secure operation.

REQUEST -TO-EXIT SENSOR		
White	Silver	
Model CM-419W	Model CM-419S	



CM-419W

Pull Stations for emergency release applications in blue and yellow. English, French, and Spanish versions. Clear lift cover and glass-break rods optional.

BLUE PULL STATIONS*			
	1 x N/C	2 x N/C	1 N/O + 1 N/C
Description	Model	Model	Model
Pull for Door Release	CM-701	CM-702	CM-703
Pull in Case of Emergency	CM-701E	CM-702E	CM-703E
As above English/French	CM-701BE	CM-702BE	CM-703BE
As above English/Spanish	CM-701SP	CM-702SP	CM-703SP
Pull for Emergency Assistance	CM-701EA	CM-702EA	CM-703EA
Pull for Emergency Door Release	CM-701EDR	CM-702EDR	CM-703EDR



CM-701

YELLOW PULL STATIONS*		
	1 x N/C	2 x N/C
Description	Model	Model
Pull in Case of Emergency	CM-721	CM-722



CM-721
(Shown with clear lift cover)

***NOTE:** Switch configurations indicated are when the pull station cover is closed/reset. When pull stations are released, switch contacts will be opposite to those indicated above.

OPTIONS	
Description	Model
For Clear Lift Cover Add	CM-XXXPC
Plastic Glass-Break Rods (Pack of 10)	CM-700GL

ALL-ACTIVE PUSH PLATES

All-Active Switches require minimal actuation force, and meet ADA specifications. Constructed from stainless steel or solid brass, with a choice of faceplate designs and finishes. All models feature our exclusive buffed finish, durable 4 stud design, and rubber dampers for smooth and quiet operation.

JAMB WIDTH, SINGLE GANG AND DOUBLE GANG COMBO



SPST N/O	Jamb Width	Single Gang	Double Gang Combo*	Vestibule Switch
Description	Model	Model	Model	Model
No debossing (plain face)	CM-25/1	CM-35/1	CM-2510/1	CM-2520/1
Wheelchair logo – Blue	CM-25/2	CM-35/2	CM-2510/2	CM-2520/2
Horizontal, Wheelchair logo - Blue	CM-25/2H	-	-	-
Wheelchair logo arrow left Blue	CM-25/2AL	-	-	-
Wheelchair logo arrow right Blue	CM-25/2AR	-	-	-
PUSH TO OPEN – Black	CM-25/3	CM-35/3	CM-2510/3	CM-2520/3
Wheelchair / PUSH TO OPEN – Blue	CM-25/4	CM-35/4	CM-2510/4	CM-2520/4
Horizontal, Wheelchair / PTO – Blue	CM-25/4H	-	-	-
Wheelchair logo PTO arrow left Blue	CM-25/4AL	CM-35/4AL	-	-
Wheelchair logo PTO arrow right Blue	CM-25/4AR	CM-35/4AR	-	-
Wheelchair with 'Poussez Pour Ouvrir', black graphics	CM-25/5	CM-35/5	-	-
'Poussez Pour Ouvrir', black graphics	CM-25/6	CM-35/6	-	-

*Double Gang Combo includes SPST maintained key switch (on/off)



UL61058-1, IEC 61058-2-4 and CAN/CSA-C22.2 Compliant



CM-25



CM-25/2H



CM-35



CM-2510
(Mortise cylinder sold separately)



CM-2520



ALL-ACTIVE PUSH PLATES

4 1/2" AND 6" SWITCHES



SPDT	4 1/2" Round	4 1/2" Round w/ Sq. Backplate	4 1/2" Sq. Concealed Mounting Screws	4 1/2" Sq. Exposed Mounting Screws	6" Round
Description	Model	Model	Model	Model	Model
No debossing (plain face)	CM-40/1	CM-41/1	CM-45/1	CM-46/1	CM-60/1
Wheelchair logo – Blue	CM-40/2	CM-41/2	CM-45/2	CM-46/2	CM-60/2
PUSH TO OPEN – Black	CM-40/3	CM-41/3	CM-45/3	CM-46/3	CM-60/3
Wheelchair / PUSH TO OPEN – Blue	CM-40/4	CM-41/4	CM-45/4	CM-46/4	CM-60/4
Wheelchair/Poussez Pour Ouvrir – Blue	CM-40/5	CM-41/5	CM-45/5	–	CM-60/5
Poussez Pour Ouvrir – Black	CM-40/6	CM-41/6	CM-45/6	–	CM-60/6
Push to Lock - Black	CM-40/8	CM-41/8	CM-45/8	CM-46/8	CM-60/8
Push to Lock Door - Black	CM-40/8D	CM-41/8D	CM-45/8D	CM-46/8D	CM-60/8D

UL61058-1, IEC 61058-2-4 and CAN/CSA-C22.2 Compliant



CM-40



CM-41



CM-45



CM-46



CM-60

OPTIONS AND FINISHES

Model	Description
CONTACTS	
CM-XXX-DP	Add DP to product # to order DPDT switch instead of SPDT switch
WEATHER	
CM-XXX-WR	Add WR to product # for weather resistant boot
CM-XXX-WT	Add WT to product # for boot and water tight coating
GRAPHICS	
CM-XXX-AL	Add AL to product # for arrow left
CM-XXX-AR	Add AR to product # for arrow right
FINISHES	
CM-XXX-AB	Add AB to product # for antique brass finish (US5 / C5)
CM-XXX-PB	Add PB to product # for polished brass finish (US3 / C3)
CM-XXX-SB	ADD SB to product # for satin brass finish (US4 / C4)
CM-XXX-OB	Add OB to product # for oil rub bronze finish (US10B / C10B)
CM-XXX-MS	Add MS to product # for mirrored stainless steel finish (US32 / C32)



CM-XXX-AB



CM-XXX-OB



CM-XXX-PB



CM-XXX-MS



CM-XXX-SB

(Actual product finishes vary from pictures above)



ALL-ACTIVE PUSH PLATES

Aura™ CM-54 Series illuminated push plate kits provide high visibility and enhanced user convenience in ADA compliant automatic door and other applications.

CM-54B model features a continuous 'back lit' blue illumination. CM-54BR and CM-54GR models offer 3 additional features: selection of backlight colors (blue/red or green/red), an audible sounder that confirms switch activation, and Form 'C' contacts used to switch your device.

Aura™ illuminated mounting boxes are compatible with the widest range of 4 ½" square All-Active™ push plate switches in the industry.



CM-452B



CM-453GR



CM-454BR

AURA™ ILLUMINATED ENCLOSURE (FOR USE WITH CM-45 & CM-46 SERIES SWITCHES, SOLD SEPARATELY)

Model	Description
CM-54B	Illuminated, blue, surface mount box
CM-54BR	Illuminated, blue/red, sounder, surface mount box
CM-54GR	Illuminated, green/red, sounder, surface mount box

CM-45 AURA KITS, CONCEALED SCREWS (ADD SUFFIX TO MODEL NUMBER)

Model	Description
CM-45XB*	4 ½" Square push plate with illuminated blue surface mount box
CM-45XBR*	4 ½" Square push plate with sounder, illuminated blue/red surface mount box
CM-45XGR*	4 ½" Square push plate with sounder, illuminated green/red surface mount box

CM-46 AURA KITS, EXPOSED SCREWS (ADD SUFFIX TO MODEL NUMBER)

Model	Description
CM-46XB*	4 ½" Square push plate with illuminated blue surface mount box
CM-46XBR*	4 ½" Square push plate with sounder, illuminated blue/red surface mount box
CM-46XGR*	4 ½" Square push plate with sounder, illuminated green/red surface mount box

* 'X' in model numbers above indicates graphic option. See CM-45 or CM-46 models on page 23 to determine complete model number for your order.

OPTIONS

Lazerpoint RF™ Compatible Enclosure will accept CM-TX9 Transmitter and battery pack (power required for illumination).

Note: Enclosure will not accept DPDT contact option.

ALL-ACTIVE PUSH PLATES

CM-75 Series Column™ push plate switches offer an elegant design that is attractive, easy to operate and built to last. Models are available in anodized aluminum finish (epoxy printed blue graphics) or dark bronze anodized finish (epoxy printed white graphics).

The innovative end caps are made of impact and flame resistant polycarbonate, designed for easy 'snap-in' installation and service of Lazerpoint RF™ wireless transmitters and batteries. There is an option for a factory installed wireless transmitter. Column™ push plate switches are ADA compliant and exceed the requirements of the California Building Code, Section 1117B.6.

Column™ push plate switches are easily mounted on exterior or interior surfaces and offer 4 leveling screws to accommodate uneven walls, such as brick or concrete. For installations that require an exterior freestanding switch, Column™ switches are compatible with color matched Camden CM-42 and CM-48 Series anodized aluminum and dark bronze bollards.



36" CLEAR ALUMINUM ANODIZED FINISH



Model	Description
CM-7536/1	36" Long, no graphics
CM-7536/2	36" Long, wheelchair symbol only
CM-7536/3	36" Long, 'PUSH TO OPEN'
CM-7536/4	36" Long, 'PUSH TO OPEN' and wheelchair symbol

9" CLEAR ALUMINUM ANODIZED FINISH



Model	Description
CM-7509/2	9" Long, wheelchair symbol only
CM-7509/4	9" Long, 'PUSH TO OPEN' and wheelchair symbol

36" DARK BRONZE ANODIZED FINISH



Model	Description
CM-7536/1BRZ	36" Long, no graphics
CM-7536/2BRZ	36" Long, wheelchair symbol only
CM-7536/3BRZ	36" Long, 'PUSH TO OPEN'
CM-7536/4BRZ	36" Long, 'PUSH TO OPEN' and wheelchair symbol



CM-7536/4 CM-7536/4BRZ



CM-7509/4



CM-48-DSU-BRZ
(Switch sold separately)

RF OPTION AND BOLLARDS

Model	Description
	FACTORY INSTALLED WIRELESS TRANSMITTER
/TX	Lazerpoint RF™ 915mhz. transmitter with batteries, add suffix 'TX' to above model number
	COMPATIBLE BOLLARD (MOUNTING POSTS)
CM-42-DSU-CLR	42" extruded aluminum bollard, clear aluminum finish
CM-42-DSU-BRZ	42" extruded aluminum bollard, dark bronze finish
CM-48-DSU-CLR	48" extruded aluminum bollard, clear aluminum finish
CM-48-DSU-BRZ	48" extruded aluminum bollard, dark bronze finish



WIRELESS DOOR CONTROL

Lazerpoint™ RF is a completely new RF solution for automatic door operators and introduces the many advantages of our proprietary 915MHz spread spectrum wireless technology. The system encompasses the widest range of transmitters, receivers, activation devices and switch enclosures available today. Lazerpoint RF™ has been designed to provide the very best performance and value in new installations and is 'backwards compatible' for use in retrofit upgrades with 300MHz., 318MHz., 390MHz. and 433MHz. daughterboards.

LAZERPOINT RF™
BY CAMDEN

LAZERPOINT RF™ 915MHZ. SPREAD SPECTRUM TRANSMITTERS AND RECEIVERS

Model	Description
	TRANSMITTER
CM-TX-9	Wall Switch Transmitter, 915MHz.
	RECEIVERS
CM-RX-91	Basic Single Relay Receiver, 12/24V AC/DC
CM-RX-92	Full Function Dual Relay Receiver, 12/24V AC/DC
	OPTIONAL PLUG-IN RECEIVERS
CM-RX-DBB	300MHz. Daughterboard (blue antenna)
CM-RX-DBO	318MHz. Daughterboard (orange antenna)
CM-RX-DBR	390MHz. Daughterboard (red antenna)
CM-RX-DBW	433MHz. Daughterboard (white antenna)
	SERVICE TOOL
CM-RFCT	Plug-in LED Cable Tool, 33"



CM-TX9
Transmitter



CM-RX92
Receiver



CM-RX-DBB

318MHz. Narrowband Transmitters, Receivers, and Keypads avoid the high cost of running wires to a push switch or key switch. Economical and durable.

318MHZ. TRANSMITTERS, RECEIVERS AND KEYPADS

Model	Description
CM-TX-7iRM	Wall switch transmitter with instant response module (Pulse Extender)
CM-TX-8iRM	Micro transmitter for CM-25 series, fits CM-23D jamb box, lithium battery included, with instant response module (Pulse Extender)
CM-TX-1	One channel, standard size transmitter
CM-TX-2	Two channels, standard size transmitter
CM-TX-4	Four channels, standard size transmitter
CM-TX-1M	One channel, key chain transmitter
CM-TX-2M	Two channels, keychain transmitter
CM-RX-7	1 channel receiver, 10 code memory, 24 VAC/DC
CM-TX-480K	Wireless keypad, diecast case, illuminated, unlimited codes
CM-480C	RF receiver/controller for wireless keypads or transmitters, 12/24 V AC/DC, up to 239 individual codes, or 480 block coded transmitters



CM-TX-1



CM-TX-2



CM-TX-4



CM-TX-1M



CM-RX-7



CM-480C

WIRELESS SWITCH PACKAGES

Lazerpoint RF™ packages are supplied with 2 TX-9 transmitters, 1 RX-91 receiver, 2 stainless steel all-active switches, and 2 mounting boxes/enclosures. Lazerpoint RF packages are economical to order and are neatly assembled in one box, assuring no missing parts on the jobsite.



RF Package

Model	Description
-------	-------------

JAMB WIDTH SWITCH PACKAGES (CM-25 SERIES)

CM-RFL252	Wheelchair Symbol + Surface Box
CM-RFL253	'Push to Open' + Surface Box
CM-RFL254	Text and Symbol + Surface Box

4 1/2" ROUND SWITCH PACKAGES (CM-40 SERIES)

CM-RFL402-47	Wheelchair Symbol + Surface Box
CM-RFL403-47	'Push to Open' + Surface Box
CM-RFL404-47	Text and Symbol + Surface Box
CM-RFL402-49	Wheelchair Symbol + Flush/Surface Kit
CM-RFL403-49	'Push to Open' + Flush/Surface Kit
CM-RFL404-49	Text and Symbol + Flush/Surface Kit

4 1/2" SQUARE SWITCH PACKAGES (CM-45 SERIES)

CM-RFL452	Wheelchair Symbol + Surface Box
CM-RFL453	'Push to Open' + Surface Box
CM-RFL454	Text and Symbol + Surface Box

4 1/2" SQUARE SWITCH PACKAGES (CM-46 SERIES)

CM-RFL462	Wheelchair Symbol + Surface Box
CM-RFL463	'Push to Open' + Surface Box
CM-RFL464	Text and Symbol + Surface Box

6" ROUND SWITCH PACKAGES (CM-60 SERIES)

CM-RFL602-69	Wheelchair Symbol + Surface Box
CM-RFL603-69	'Push to Open' + Surface Box
CM-RFL604-69	Text and Symbol + Surface Box
CM-RFL602-79	Wheelchair Symbol + Flush/Surface Kit
CM-RFL603-79	'Push to Open' + Flush/Surface Kit
CM-RFL604-79	Text and Symbol + Flush/Surface Kit

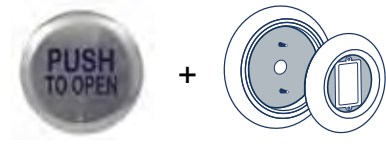
NOTE: RECEIVER OPTION: Add 'D' to Switch Package # for CM-RX-92 Dual Relay Receiver in place of CM-RX-91.



CM-RFL253



CM-RFL403-47



CM-RFL403-49



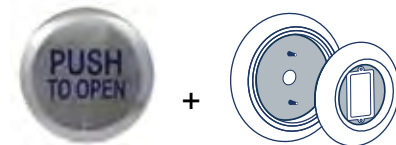
CM-RFL453



CM-RFL464



CM-RFL603-69



CM-RFL603-79

MOUNTING OPTIONS FOR ALL-ACTIVE SWITCHES

Camden offers an extensive range of ABS plastic and metal boxes, enclosures and trim rings for flush or surface mounting. ABS plastic models are flame and vandal resistant, suitable for use with radio controls. Chart below shows the most popular configurations. See our switch compatibility chart on pages 29 and 30 for a complete listing of mounting options and dimensions.

MOUNTING ENCLOSURES

	ABS Surface	Metal Surface	S/S Shallow	S/S Flush	ABS Shallow	Offset Jamb	S/S Dress Plate
(To Fit) Switch	Model	Model	Model	Model	Model	Model	Model
CM-25	CM-23	—	—	—	—	—	—
CM-25 (RF)	CM-23D	—	—	—	—	—	—
CM-2510/2520	CM-53	—	—	—	—	—	—
CM-35	CM-34BL	CM-31	—	CM-66	—	—	—
—	—	CM-34AL	—	—	—	—	—
CM-40	CM-49**	—	—	CM-66	—	—	CM-440**
CM-40	CM-47S	CM-59S**	—	—	—	—	—
CM-41	CM-43CBL*	—	CM-48AL	CM-66	CM-540B	CM-44	—
CM-45/CM-46	CM-43CBL*	—	CM-48AL	CM-66	CM-540B	CM-44	—
CM-45/CM-46	CM-54B	—	—	—	—	—	—
CM-45/CM-46	CM-54BR	—	—	—	—	—	—
CM-45/CM-46	CM-54GR	—	—	—	—	—	—
CM-60	CM-63CBL*	CM-67**	CM-68AL	CM-66	—	—	CM-660**
CM-60	CM-69S	CM-89S**	CM-68BZ	—	—	—	—
CM-60	CM-79**	—	—	—	—	—	—

* Weather resistant gasket available for outdoor use, CM-43G.

** Shown on pages 29, 30 and 31.

NARROW/JAMB MOUNTING BOXES



CM-23



CM-23D

SINGLE GANG MOUNTING BOXES



CM-34AL



CM-34BL



CM-34D



CM-66

DOUBLE GANG MOUNTING BOXES



CM-43CBL



CM-53



CM-54B/BR/GR



CM-63CBL



CM-48AL



CM-44



CM-540B



CM-68AL/BZ

ROUND BOXES









CM-47S



CM-69S



CAMDEN SWITCH AND ENCLOSURE COMPATIBILITY CHART

Style	Enclosure / Post	Dimensions L x W x D (in)	Surface(S) or Flush(F) Enclosure Material *															
			CM-25	CM-30	CM-30EE	CM-35	CM-40	CM-41	CM-45/46	CM-60	CM-130	CM-150	CM-160	CM-170	CM-180	CM-190/1 or 190/2		
	Box included w/switch				✓											✓		
Jamb Box	CM-23	4 1/2 x 1 3/4 x 1 1/4	P	S	✓													
	CM-23D (Suitable for RF)	4 1/2 x 1 3/4 x 1 1/2	P	S	✓											✓		
Single Gang Enclosure	CM-34AL	4 3/8 x 2 5/8 x 2	A	S					✓								✓	
	CM-34BL	4 1/2 x 2 3/4 x 1 3/4	P	S					✓								✓	
	CM-34D	3 x 2 1/4 x 3 1/2	P	F		✓												
	CM-66	7 x 7 x 2	S	F				✓	✓	✓	✓	✓						
Double Gang Enclosure	CM-43CBL	5 x 5 x 2	P	S						✓	✓							
	CM-43CBLA	4 1/2 x 4 1/2 x 2	P	S														
	CM-44	4 1/2 x 4 1/2 x 3/4	S	S						✓	✓							
	CM-48AL	4 1/2 x 4 1/2 x 3/4	A	S						✓	✓							
	CM-53	5 x 5 x 2	P	S							✓							
	CM-540B	4 13/16 x 4 13/16 x 5/8	P	S						✓	✓							
	CM-54B/BR/GR	5 1/4 x 5 1/4 x 2	P	S							✓							
	CM-63CBL	5 x 5 x 2	P	S						✓		✓						
	CM-68AL/BZ	4 x 4 x 3/4	A	S								✓						
Round	CM-47S	5 diameter	P	S						✓								
	CM-49 (2 piece)	8 3/4 (S) / 7 (F) dia.	P	S/F						✓								
	CM-59S	7 diameter	P	S						✓								
	CM-69S	6 1/2 diameter	P	S								✓						
	CM-79 (2 piece)	9 5/8 (S) / 8 (F) dia.	P	S/F								✓						
	CM-89S	9 diameter	S	S								✓						
Post	CM-42BSU / CM-48BSU	6 x 6 x 42/48	A			✓	✓	✓	✓	✓	✓	✓					✓	
	CM-42CSU / CM-48CSU	6 x 6 x 42/48	A		✓													
Also fits...	Jamb Mount (1 3/4" framing)				✓								✓		✓	✓	✓	
	Single Gang electrical box							✓	✓	✓	✓	✓				✓		
	Double Gang, 4"x4", electrical box										✓	✓	✓					
Enclosure Photographs: (not to scale)	PLATES			SLEEVES						BOX								
																		
	CM-49C	CM-440	CM-660	CM-31	CM-67	CM-43CBLA												

Notes *Enclosure material Code: P = Flame retardant polymer, A = aluminum, S = stainless steel

CM-190/3 or 190/4	CM-250	CM-280	CM-300	CM-310	CM-324/CM-325/NE	CM-400/400N	CM-500	CM-700	CM-1000	CM-1100/1200	CM-2000/2200	CM-2510/2520	CM-3000	CM-3100	CM-4085 to 8085	CM-5000	Enclosure / Post	
										✓							Box included w/switch	
	✓			✓													CM-23	Jamb Box
	✓			✓		✓N						✓					CM-23D	
	✓		✓	✓		✓	✓	✓	✓	✓							CM-34AL	Single Gang Enclosure
	✓		✓	✓		✓	✓	✓	✓	✓							CM-34BL	
													✓		✓	✓	CM-34D	
																	CM-66	
						✓W		✓				✓			✓		CM-43CBL	Double Gang Enclosure
																	CM-43CBLA	
																	CM-44	
																	CM-48AL	
																	CM-53	
																	CM-540B	
																	CM-54B/BR/GR	
																	CM-63CBL	
																	CM-68AL/BZ	
																	CM-47S	Round
																	CM-49	
																	CM-59S	
																	CM-69S	
																	CM-79	
																	CM-89	
		✓	✓	✓		✓	✓	✓	✓	✓			✓	✓	✓	✓	CM-42BSU / CM-48BSU *1	Post
		✓			✓	✓N									✓		CM-42CSU / CM-48CSU *1	
	✓		✓	✓	✓	✓N		✓	✓	✓			✓				Jamb Mount (1 3/4" frame)	Also fits...
						✓	✓	✓	✓	✓			✓				Single Gang electrical box	
						✓W		✓	✓	✓			✓				Double Gang, 4"x4" electrical box	

ESCUTCHEONS



CM-59S



CM-89S



CM-49



CM-79

POSTS



CM-42/48

Enclosure Photographs:
(not to scale)

MOUNTING OPTIONS FOR ALL-ACTIVE SWITCHES

ABS Plastic Escutcheons. Vandal and weather resistant low profile escutcheons for mounting 4 1/2" round switches (CM-40 series) and 6" round switches (CM-60 series). Constructed of high impact, flame proof ABS. Patented 2-piece design and ideal for use with Lazerpoint RF™ wireless transmitters. Front section (CM-49A / 79A) attaches to in-wall one gang, two gang, or 4 x 4 boxes. Use CM-49B / 79B for surface mounting.



CM-49A CM-49B
(Shown with optional TX-9 Transmitter)



CM-79A CM-79B
(Shown with optional TX-9 Transmitter)



CM-895

"SPACESHIP" ENCLOSURES

Model	Description
FOR 4 1/2" ROUND SWITCHES	
CM-49	Complete kit includes CM-49A, CM-49B, CM-49C adapter plate, and CM-49G gasket
CM-49A	Flush enclosure only (fits single gang box)
CM-49AK	Flush enclosure, adapter plate, gasket (fits single, double and 4x4 boxes)
CM-49B	Surface mount enclosure only (must be used with CM-49A)
CM-49C	Adapter plate. For mounting CM-49A or CM-79A on double gang or 4 x 4 boxes
CM-49G	Gasket for CM-49A or CM-49B
FOR 6" ROUND SWITCHES	
CM-79	Complete kit includes CM-79A, CM-79B, CM-49C adapter plate, and CM-79G gasket
CM-79A	Flush enclosure only (fits single gang box)
CM-79AK	Flush enclosure, adapter plate, gasket (fits single, double and 4x4 boxes)
CM-79B	Surface mount enclosure only (must be used with CM-79A)
CM-79G	Gasket for CM-79A or CM-79B

Stainless Steel Escutcheons. For mounting 4 1/2" round (CM-40 series) and 6" round switches (CM-60 series). Solid one-piece construction protects switch from vandalism and abuse.

STAINLESS STEEL ESCUTCHEONS

Model	Description
CM-59S	For 4 1/2" round switches (CM-40 series)
CM-89S	For 6" round switches (CM-60 series)

Mounting Posts are available in 42" (38" switch height) and 48" (44" switch height) models, constructed from 1/8" extruded aluminum. They are available in clear aluminum, dark bronze anodized, and mill finishes (suitable for painting). Posts are supplied with a flame and impact resistant ABS post cap, steel mounting base, and stainless steel mounting hardware. An optional in-ground mounting base has re-bar welded to the base and is supplied instead of the standard mounting base.

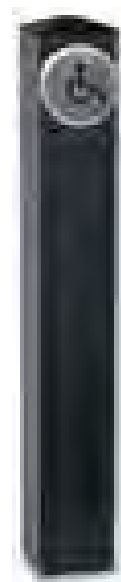
MOUNTING POSTS



	Aluminum Finish	Dark Bronze Finish	Mill Finish
Description	Model	Model	Model
42" No switch prep (No cut-out)	CM-42-CSU-CLR	CM-42-CSU-BRZ	CM-42-CSU-MIL
42" Single gang switch prep	CM-42-BSU-CLR	CM-42-BSU-BRZ	CM-42-BSU-MIL
48" Single gang switch prep (Fits CM-35/40/41/45/46/60 series)	CM-48-BSU-CLR	CM-48-BSU-BRZ	CM-48-BSU-MIL
CM-42-DSU-CLR	42" Prep for column switch, clear aluminum finish		
CM-48-DSU-CLR	48" Prep for column switch, clear aluminum finish		
In-ground mounting option	All Models		CM-42-IG



CM-42IG
(Optional)
In-ground
mounting
base



CM-42 BSU-BRZ
(CM-60/2 6" Push Plate
shown, sold separately)



KEY SWITCHES

For over 20 years, Camden has built its business on manufacturing the most rugged and competitively priced key switches, for security, access control and automatic door applications. In addition to the stock key switch models shown in this catalog, Camden also offers a wide array of custom key switch options, including LEDs, faceplate finishes and printed or engraved logos and text.

CAST ALUMINUM KEY SWITCHES

Camden heavy duty cast aluminum key switches feature a 1/4" thick vandal resistant faceplate, one-piece faceplate/switch bracket casting, easy assembly of 1 or 2 switches, and accept virtually any 1" – 1 1/4" mortise cylinder (sold separately) and any cam.

See page 34 for a complete list of LED and mortise cylinder options.



CM-2000
(Shown with optional mortise cylinder. Sold separately)




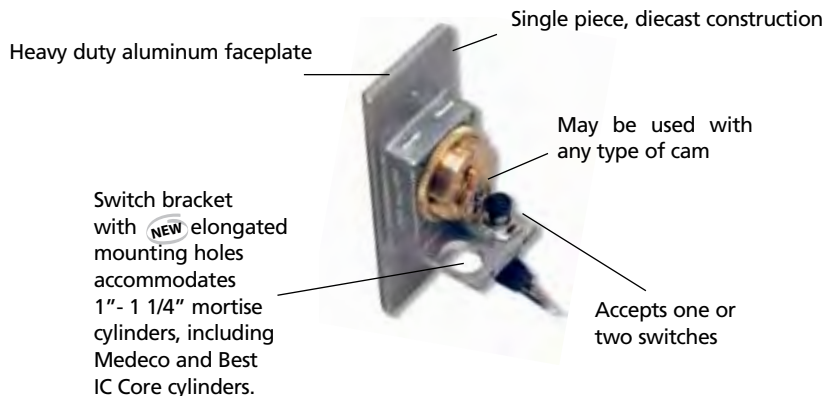
CM-1100
(Shown with optional LED's. Mortise cylinder sold separately)



CM-1000
(Mortise cylinder sold separately)

CAST ALUMINUM KEY SWITCHES			
	Narrow	Single Gang (flush)	Single Gang w/Surface Mount Box
Description	Model	Model	Model
SPST momentary, N/O	CM-2000	CM-1100	CM-1000
SPST momentary, N/C	CM-2005	CM-1105	CM-1005
SPST maintained	CM-2010	CM-1110	CM-1010
SPDT momentary	CM-2020	CM-1120	CM-1020
SPDT maintained	CM-2030	CM-1130	CM-1030
(2) SPDT momentary	CM-2050	CM-1150	CM-1050
(2) SPDT maintained	CM-2060	CM-1160	CM-1060
SPDT momentary and SPDT maintained	CM-2070	CM-1170	CM-1070
DPDT momentary	CM-2080	CM-1180	CM-1080
DPST 1-60 second pneumatic time delay	CM-2085	CM-1185	-
DPDT maintained	CM-2090	CM-1190	CM-1090

 UL61058-1, IEC 61058-2-4 and CAN/CSA-C22.2 Compliant



KEY SWITCHES

STAINLESS STEEL KEY SWITCHES

'Camden Tough' stainless steel key switches offer thicker faceplates for longer life, rounded metal edges for safer installation and a preassembled key switch mounting bracket, to reduce installation time. These stainless steel key switches work with virtually any 1" - 1 1/4" mortise cylinder (sold separately) and any cam.

See page 34 for a complete list of LED and mortise cylinder options.

STAINLESS STEEL KEY SWITCHES				
	Narrow	Single Gang	Double Gang	Double Gang Dual Cylinder*
Description	Model	Model	Model	Model
SPST momentary, N/O	CM-2200	CM-1200	CM-3200	CM-3500
SPST momentary, N/C	CM-2205	CM-1205	CM-3205	CM-3505
SPST maintained	CM-2210	CM-1210	CM-3210	CM-3510
SPDT momentary	CM-2220	CM-1220	CM-3220	CM-3520
SPDT maintained	CM-2230	CM-1230	CM-3230	CM-3530
(2) SPDT momentary	CM-2250	CM-1250	CM-3250	CM-3550
(2) SPDT maintained	CM-2260	CM-1260	CM-3260	CM-3560
SPDT momentary and SPDT maintained	CM-2270	CM-1270	CM-3270	CM-3570
DPDT momentary	CM-2280	CM-1280	CM-3280	CM-3580
DPST 1-60 second pneumatic time delay	CM-2285	CM-1285	CM-3285	CM-3585
DPDT maintained	CM-2290	CM-1290	CM-3290	CM-3590

*Dual cylinder models are supplied with twice the number of switches, lock nuts, and mounting hardware than a single cylinder model.



UL61058-1, IEC 61058-2-4 and CAN/CSA-C22.2 Compliant

See page 34 for special finishes and led options



CM-1200



CM-2200



CM-3200



CM-3500

(Shown with mortise cylinders, sold separately)

PARTS FOR KEY SWITCHES

PARTS FOR CAMDEN KEY SWITCHES

Model	Description
CM-34AL	Surface mount box for CM-1000 (previously CM-1000/05)
CM-1000/10	Aluminum faceplate for CM-1000
CM-1100/10	Aluminum faceplate for CM-1100
CM-2000/10	Aluminum faceplate for CM-2000
CM-1000/21	Neoprene gasket for CM-1000, 1100, 1200
CM-2000/21	Neoprene gasket for CM-2000, 2200
CM-1200/10	Stainless Steel Faceplate for CM-1200
CM-2200/10	Stainless Steel Faceplate for CM-2200
CM-3200/10	Stainless Steel Faceplate for CM-3200
CM-3500/10	Stainless Steel Faceplate for CM-3500
CM-1000/30	SPST momentary contact switch, N/O, 6A @ 30V DC
CM-1000/31	SPST momentary contact switch, N/O, Heavy Duty, 15 A @ 30V DC
CM-1000/32	SPST momentary contact switch, N/C, 6A @ 30V DC
CM-1000/35	SPST maintained contact (on/off) switch, 6A @ 30V DC
CM-1000/37	SPST maintained contact switch, heavy duty, 15 A @ 30V DC
CM-1000/40	SPDT momentary contact switch, 6A @ 30V DC
CM-1000/42	DPDT momentary contact switch, 6A @ 30V DC
CM-1000/45	SPDT maintained contact switch, 6A @ 30V DC
CM-1000/47	DPDT maintained contact switch, 6A @ 30V DC
CM-1000/50	Cylinder lock ring
CM-1000/60KD	Mortise cylinder, 1 1/8", solid brass, Schlage keyway, aluminum finish, keyed different
CM-1000/60KA	Mortise cylinder as above, keyed alike, 10 pcs or less
CM-1000/80KA	Mortise cylinder, keyed alike, 11 pcs or more
CX-1085	1-60 second pneumatic time delay, DPST
CM-307	Mortise cylinder housing for Best style IC core (special order)
CM-308	Best style IC core, keyed different (special order)



CM-1100

(Shown with optional LED's. Mortise cylinder sold separately)



CM-1000-DUR

LED OPTIONS/FINISHES

Model	Description
CM-XXXX-7012	Red 12V LED (add suffix 7012 to desired model number)
CM-XXXX-7112	Green 12V LED (add suffix 7112 to desired model number)
CM-XXXX-7212	Red and Green 12V LEDs (add suffix 7212 to desired model number)
CM-XXXX-7312	Bi-color 12V LED (add suffix 7312 to desired model number)
CM-XXXX-7412	Amber 12V LED (add suffix 7412 to desired model number)
CM-XXXX-7024	Red 24V LED (add suffix 7024 to desired model number)
CM-XXXX-7124	Green 24V LED (add suffix 7124 to desired model number)
CM-XXXX-7224	Red and Green 24V LED's (add suffix 7224 to desired model number)
CM-XXXX-7324	Bi-color 24V LED (add suffix 7324 to desired model number)
CM-XXXX-7424	Amber 24V LED (add suffix 7424 to desired model number)
CM-XXXX-DUR	Duranodic (US40) finish
CM-XXXX-PB	Polished Brass finish (US3)

AUTOMATIC DOOR KEY SWITCHES

Camden Key Switches for automatic doors are offered in jamb, header or single gang configurations with 2, 3 or 4 position switches. All switches are keyed alike and keys are removable in all maintained positions. Key cylinder and keys included.

KEY SWITCHES

	Lamacoid Faceplate	Narrow Stainless Steel Faceplate	Single Gang Stainless Steel Faceplate
Description	Model	Model	Model
Off-Open momentary	CM-160/1	CM-170/1	CM-180/1
Off-Auto maintained	CM-160/2	CM-170/2	CM-180/2
Off-Auto-Hold Open maintained	CM-160/3	CM-170/3	CM-180/3
Off-Auto-Hold Open-Exit maintained	CM-160/4	CM-170/4	CM-180/4
Off-Day-Night maintained	CM-160/6	CM-170/6	CM-180/6
(2) Extra keys	CM-A126	CM-A126	CM-A126



CM-160/6



CM-170/6



UL61058-1, IEC 61058-2-4 and CAN/CSA-C22.2 Compliant

AUTOMATIC DOOR ROTARY/TOGGLE SWITCHES

Camden rotary and toggle switches are specifically designed for control of automatic door operators and feature metal faceplates and heavy duty contacts with a variety of switch positions and text.

AUTOMATIC DOOR KEY / TOGGLE SWITCHES

Model	Description
CM-130/4	4 position rotary switch, off/2 way/1 way/hold open
CM-190/1*	Toggle On/Off, mini aluminum faceplate
CM-190/2*	Toggle On/Off/Hold Open, mini aluminum faceplate
CM-190/4*	Toggle On/Off, single gang stainless steel faceplate
CM-190/5*	Toggle On/Off/Hold Open, single gang stainless steel faceplate



CM-130/4



CM-190/2



* UL61058-1, IEC 61058-2-4 and CAN/CSA-C22.2 Compliant

KEYPADS

FLUSH MOUNT KEYPADS

CM-120 Series wired keypads are selectable for stand-alone or Wiegand operation and offer the option for a plug-in 915Mhz Lazerpoint RF™ 2-channel wireless transmitter. These indoor, and outdoor vandal resistant backlit keypads are North American built and offer the widest range of features and competitive value.

FEATURES

- Indoor / back-lit, weather and vandal resistant models
- 999 Users with 10 million variable length codes
- (2) 3 Amp. Form 'C' Relays with independent control
- Global lock-out, anti-tailgating and door open alarm
- REX and door contact inputs

STAND ALONE/WIEGAND, FLUSH KEYPADS

Model	Max. Users	Mounting	Outputs	Voltage	Outdoor Use	Illuminated
CM-120i Indoor	999	Flush	2 form C/26 bit Wiegand	12/24V AC/DC	NO	NO
CM-120wV2 Outdoor Vandal Resistant	999	Flush	2 form C/26 bit Wiegand	12/24V AC/DC	YES	YES

OPTIONAL LAZERPOINT RF™ WIRELESS TRANSMITTER

Model	Description
CM-TX-99	915Mhz. plug-in two channel transmitter for CM-120 Series keypads



CM-120i



CM-120wV2



CM-TX-99

WIRELESS FLUSH MOUNT KEYPADS

CM-120TX Series wireless keypads utilize Lazerpoint RF™ 2-channel spread spectrum communications to provide the industry's most reliable wireless operation. These outdoor vandal resistant, backlit keypads support up to 999 users, with fixed or variable length codes. CM-RX 91/92 Series receiver required, sold separately.

FEATURES

- 999 Users with 10 million variable length codes
- Multi-year battery life, using inexpensive 'AA' alkaline batteries.
- Advanced 915Mhz. spread spectrum (Broadband) wireless communications for outstanding performance
- Exclusive 'low battery' test gauge, signal strength meter and auto enrollment.

WIRELESS, FLUSH KEYPADS

Model	Max. Users	Mounting	Outputs	Power	Outdoor Use	Illuminated
CM-120TX	999	Flush	2 Wireless	'AA' Battery	YES	YES

COMPATIBLE WIRELESS RECEIVERS

Model	Description
CM-RX-91	Basic Single Channel Receiver, 3 Amp. contacts
CM-RX-92	Full Function Two Channel Receiver, 3 Amp. contacts

LAZERPOINT RF™
BY CAMDEN



CM-120TX

KEYPADS

SURFACE MOUNT KEYPADS

Camden stand-alone surface mount keypads are designed to provide the best performance and value in the widest range of commercial, institutional and industrial installations. From light/medium duty to vandal resistant applications, Camden offers the right keypad at the right price.

FEATURES

- Self-contained (one piece) or separate controller (two part) models
- Narrow or single gang widths

SURFACE, LIGHT/MEDIUM DUTY KEYPAD

Model	Max. Users	Configuration	Outputs	Voltage	Outdoor Use	Illuminated
CM-500SK	500	1 PC	2 form C	12V AC/DC	YES	YES

SURFACE, VANDAL RESISTANT KEYPAD

Model	Max. Users	Configuration	Outputs	Voltage	Outdoor Use	Illuminated
CM-100SS	100	1 PC	1 form C	12/24V AC/DC	YES	YES
CM-480K	480	1 PC	1 form C	12/24V AC/DC	YES	YES
CM-100SN V2	100	2 PC	2 form C, 1 N/O	12/24V AC/DC	YES	YES



CM-500SK

CM-100SS



CM-480K



CM-100SN V2

Controller

PIEZOELECTRIC VANDAL RESISTANT KEYPADS

600 Series piezoelectric keypads activate upon a light touch on the face of the keypad. Constructed from solid aluminum, these fully sealed and virtually indestructible keypads incorporate a patented one-piece design. All Camden Piezoelectric products are covered by a full Lifetime warranty.

FEATURES

- One-piece aluminum housing
- 200 user codes, 100 million combinations
- Visual & audible feedback during programming
- EEprom memory
- Heavy-duty form C relay
- Easy to install and use

STAND ALONE, SURFACE, PIEZOELECTRIC KEYPADS

Model	Max. Users	Mounting	Outputs	Voltage	Outdoor Use	Illuminated
CM-626S	200	Surface, Jamb	1 form C	12V AC, 12-24 VDC	YES	NO
CM-634	200	Surface, Single Gang	1 form C	12V AC, 12-24 VDC	YES	NO

WIEGAND, SURFACE, PIEZOELECTRIC KEYPADS

Model	Max. Users	Mounting	Outputs	Voltage	Outdoor Use	Illuminated
CM-626SW	Unlimited	Surface Jamb	26 bit wiegand	12-24 VDC	YES	NO
CM-6268W	Unlimited	Surface Jamb	8 bit wiegand	12-24 VDC	YES	NO
CM-634W	Unlimited	Surface, Single Gang	26 bit wiegand	12-24 VDC	YES	NO



CM-626 Series



CM-634 Series

ACCESSORIES

HEAVY DUTY POWER TRANSFER CABLES

Model	Description
CM-PTS14	12" Length 1/4" Inside Diameter Cable, *US26, molded end caps
CM-PT14	18" Length, 1/4" Inside Diameter Cable, *US26, aluminum end caps
CM-PT14DUR	As above, Durandoic Color
CM-PT38	18" Length, 3/8" Inside Diameter Cable, **US26, aluminum end caps
CM-PT38DUR	As above, Durandoic Color
CM-PTSS-7	7" Length, 1/4" Inside Diameter, *Stainless Steel Cable and end caps
CM-PTSS-12	12" Length, 1/4" Inside Diameter, *Stainless Steel Cable and end caps
CM-PTSS-18	18" Length, 1/4" Inside Diameter, *Stainless Steel Cable and end caps
CM-PTSS38-7	7" Length, 3/8" Inside Diameter Cable, **US26, Stainless Steel Cable and end caps
CM-PTSS38-12	12" Length, 3/8" Inside Diameter Cable, **US26, Stainless Steel Cable and end caps
CM-PTSS38-18	18" Length, 3/8" Inside Diameter Cable, **US26, Stainless Steel Cable and end caps
CM-PT516M	Concealed Power Transfer Cable, 5/16" Inside Diameter, mortise mount

PTSS models are available in lengths up to 72". Contact factory for pricing and delivery

* 1/4" ID. models for 4 conductor, 22 gauge or 2 conductor 18 gauge wire

** 3/8" ID. models for 16 conductor, 22 gauge or 8 conductor 18 gauge wire



CM-PT516M



CM-PTS14



CM-PT14



CM-PTSS-18



CM-PG

PRESSURE GAUGES

Model	Description
CM-PG1	0-7 lb. pressure gauge
CM-PG2	0-35 lb. pressure gauge
CM-PG3	10-50 lb. pressure gauge
CM-PG4	10-100 lb. pressure gauge

Use PG-1 to measure swing door closing force, or switch activation force.

Use PG-2 to measure auto door opening force (swinging, sliding or overhead).

Use PG-3 to measure opening force as well as door sidelite breakout force.



INDUSTRIAL DOOR AND GATE CONTROLS

Door and Gate Controls are designed for use in factories, warehouses, and other industrial applications. Models are UL/CSA listed, and most are NEMA rated for use in wet / outdoor environments. For activating overhead doors, storefront grilles and shutters.

Tamper Resistant Key Switches include a heavy duty faceplate, die cast aluminum enclosure with rubber gasket, 2 SPST momentary switches, (N/O) rated 3A @ 240V AC, and cylinder with 2 keys. UL listed, CSA certified. Anti-tamper feature: housing can only be opened with key. (KF and KX series).

KEY SWITCHES

Model	Description
INTERIOR USE	
CI-1KF	Flush mount key switch, NEMA 1 and 2
CI-1KFS	As above, with heavy duty stop button, NEMA 1 and 2
EXTERIOR USE	
CI-1KX	Diecast aluminum key switch, painted gray enamel, NEMA 1, 2, 3R, 4, 6, 12, 13, and ICS
CI-1KXS	As above, with weatherized stop button
CI-1KSMX	Single gang enclosure, complete with spring loaded weather resistant cover



CI-1KF



CI-1KFS



CI-1KX



CI-1KSMX

INDUSTRIAL DOOR AND GATE CONTROLS

Mortise Cylinder Industrial Key Switch is designed to control grilles or gates where a high-security cylinder is required. Works with all 1" – 1 1/4" mortise and IC core cylinders, including Medeco, Best, Assa, Abloy, and Schlage. Includes double gang stainless steel faceplate, 2 x SPST N/O switches, red emergency STOP button, surface mount ABS box, rubber gasket, and tamper proof screws. Mortise cylinder not included. For Best style housings and IC cores, see page 34.

MORTISE CYLINDER INDUSTRIAL KEY SWITCH

Model	Description
CI-3502	Industrial Key Switch



CI-3502
(Mortise cylinder sold separately)

PUSH BUTTON CONTROL STATIONS

Model	Description
	INTERIOR USE
CI-PBU3	3 Button, Open / Close / Stop, NEMA 1, surface mount, 5 AMP @ 240V AC
CI-PBS3	3 Button, Open / Close / Stop, NEMA 1, 3 AMP @ 250V AC, stainless faceplate, flush or surface mount
	EXTERIOR USE
CI-3BX	3 Button, Open / Close / Stop, UL / CSA rated, 3 AMP @ 240V AC, NEMA 4
CI-3BXL	As above, with key lockout



CI-PBU3



CI-PBS3



CI-3BXL

CEILING PULL SWITCHES

Model	Description
CI-SCP1 (Replaces CI-CP1)	Diecast aluminum enclosure, supplied with 20' cord and pull handle, SPDT momentary, 3 AMP @ 240V AC. NEMA 1, 2, 3R, 4, 6, 12, 13, and ICS
CI-WPS1	Ceiling/wall pull switch with 360° rotating arm and pivoting cam. Ideal for activating industrial doors or use by lift truck operators, SPST momentary, 3 AMPS @ 240V AC, NEMA 4
CI-WPSH	As above with 110V heater (Special order)



CI-SCP1



CI-WPS1

TELEPHONE/ACCESS CONTROL SYSTEM

CV-TAC400 provides a full array of 'large system' features, combining telephone entry and card access at a remarkable 'small system' price. TAC™ supports the addition of card readers, elevator controls, RF controls and other wiegand devices, allowing for a fully integrated building security system. CV-TAC400 has been designed for easy property management. The system can be ordered for local (hardwire) programming via USB connection, where there is on-site management. Or it can be supplied with a modem, making it ideal for multiple building, off-site system management.

CV-TAC400 provides the ability to add fully integrated card access performance, easily and affordably. Both the telephone entry and access control systems utilize a common configuration and reporting software platform. CV-TAC400 is offered with a choice of HID/AWID compatible card readers. Camden also has a wide selection of other wiegand readers, keypads, and RF controls that may be used with the system.

For use in apartment/office buildings, condominiums, rec/sports centers, and other applications where a combination of security and communications are required for controlling resident and visitor traffic.



CV-TAC 400

TELEPHONE ENTRY FEATURES

- Built-in electronic display, with 8 line tenant listing
- 500 name directory
- Full audit capability for all entrances and other secured areas
- Master/slave configuration; up to 3 slave panels for visitor parking, garages, etc.
- Robust keypad with dedicated scroll and call buttons
- 15 digit dialing
- Supports after-hour auto attendant
- Local (via USB) or remote (via telephone modem) programming
- Supports PIN code access for emergency and other services
- Built-in proximity reader (optional)
- Wiegand output (for integration with other access control systems)
- Heavy-duty stainless steel faceplate
- Flush mount enclosure, with optional vandal/rain hood.
- Optional stainless steel surface enclosure with rain hood
- Optional heater kit

ACCESS CONTROL FEATURES

- HID/AWID format card reader built into front face of lobby panel, and up to 3 slave panels
- Up to 12 CV-TAC4WC Wiegand controllers, for adding card readers or other Wiegand devices (one device per controller)
- Up to 3,000 user codes
- 20 time zones, 8 access levels, and holiday schedules
- 4000 audit transactions
- RS485 polling
- Supervised inputs throughout the system
- Elevator control, up to 48 floors, 4 cabs per system

TELEPHONE/ACCESS CONTROL SYSTEM

ENTRY PANELS AND ENCLOSURES

Model	Description
CV-TAC400B	Master directory, 8 line electronic display, with USB/485 interface for local programming/monitoring. Transformer, software included.
CV-TAC400M	Master directory, 8 line electronic display, with modem for off-site programming/monitoring. Transformer, software included.
CV-TAC400S	Slave directory, 8 line electronic display with transformer.
CV-TAC4FB	Flush mount 'Rough-In' box
CV-TAC4SB	Surface mount enclosure, stainless steel
CV-TAC4FH	Vandal/rain resistant hood for flush or surface mount box, stainless steel



CV-TAC4FB
Flush Mount
'Rough-in' Box



CV-TAC4SB
Surface Mount
Enclosure



CV-TAC4FH
Vandal / Rain Hood
(Use with flush or
surface mount enclosure)



CV-TAC4WC
Wiegand Controller



CV-7400
Card Reader



CV-5395
Card Reader



CV-CSH
Cards



CV-KTH
Fobs

PANEL ACCESSORIES

Model	Description
CV-TAC4USB	RS485/USB computer interface module (supplied with CV-TAC400B) required for CV-TAC400M local programming
CV-TAC4M	Modem for offsite programming (supplied with CV-TAC400M)
CV-TAC4H	Heater kit, includes transformer, for outdoor use -22F to +122F (-30C to +50C)
CV-TAC4P	Handset, for privacy or noisy lobby environments

PANEL MOUNT CARD READERS

Model	Description
CV-TAC4PRA	HID/AWID format prox reader, mounted in TAC400 Panel

ELEVATOR CONTROL

Model	Description
CV-TAC4EL	Elevator controller (one required per 16 floors, per cab)

NOTE: (1) CV-TAC4WC required for each elevator cab.

ACCESS CONTROL DEVICES, READERS AND CARDS

Model	Description
CV-TAC4WC	Wiegand controller for adding up to 12 remote prox readers, RF, or keypads. Up to 4 additional wiegand controllers can be designated for elevator cab control
CV-7400	HID/AWID format prox reader, mullion style, up to 4"-5" read range
CV-6820	AWID format prox reader, single gang, up to 6"-8" range
CV-CSA	AWID format prox cards, clam shell style (100 per box)
CV-KTA	AWID format prox key tag (25 per tube)
CV-5395	HID Thinline II low profile single gang reader, up to 4"-5" read range
CV-CSH	HID ProxCard II, clam shell style (100 per box)
CV-KTH	HID ProxKey tag (10 per tube)

NOTE: All prox cards and fobs are sold in multiples of 10 pcs. except CV-KTA (25 pcs.)
For additional prox readers and wiegand keypads, see page 46. TAC400 may be used with all devices that provide a 26 bit wiegand output.

TELEPHONE/ACCESS CONTROL SYSTEM

GUARD/CONCIERGE PHONE SYSTEM

This auto-dialer is designed for staffed locations, where an attendant will greet visitors, call the resident's suite for authorization, then allow/deny access accordingly. Up to 1000 suite capacity. Kit includes keypad and privacy handset/cradle. There is no directory provided with this system.

GUARD/CONCIERGE PHONE SYSTEM

Model	Description
CV-TAC400G	Auto dialer for guard (concierge) station, with software, keypad and handset

For additional auto-dial and no phone bill solutions, contact the factory.



CV-TAC400G

TELEPHONE ENTRY/ACCESS CONTROL INTERFACE

CV-800 Serial to Wiegand Converters, provide a flexible and efficient way to integrate a telephone entry system with an access control system, CV-800 works with virtually all card access systems, and select models of Viscount, SES, and Sentex phone entry systems.

Building security is greatly enhanced as CV-800 allows the access control system to manage/control the building entrance – not the telephone entry system. In addition, CV-800 provides the building owner and manager with a complete audit trail of all persons entering the building, as well as a record of residents granting visitors access via the telephone entry system. CV-800 also monitors the postal lock switch.

TELEPHONE ENTRY/ACCESS CONTROL INTERFACE

Model	Description
CV-800EP	For use with Viscount Enterphone 2000™ (requires firmware 2.4 or greater)
CV-800VE	For use with Viscount Electra™
CV-800SES	For use with SES TEC & CAT Series™
CV-800SEN	For use with Sentex Infinity Series™



CV-800EP

SINGLE DOOR PROXIMITY CARD READERS

CV601 MPROX provides excellent security and functionality, and is easy to program and install. MPROX consists of two parts: a vandal and weather resistant mullion-mount proximity reader, and a small programmer/controller, which is installed on the secure side inside the facility. An additional reader can be added for in-out control of a single door or for ease of programming. The system has a capacity of 999 users. Cards/fobs can be individually or batch enrolled/deleted. All programming is done through the controller and reader – there is no need for computers or software to enroll or delete cardholders.

FEATURES

- Up to 999 users
- Jamb-mount proximity reader
- Vandal and water resistant reader (IP 67)
- Reader and controller may be up to 200 ft (70 metres) apart
- Operates with prox cards or fobs
- Request-To-Exit input (N/O)
- Bi-color LED and sounder
- Door open time: 1 - 180 seconds, or latching
- Programming password (optional use)
- Form C (N/O + N/C) relay, 5 amps
- 12V AC/DC operation
- Presence Input (parking, mantrap applications)



CV-7400

Model	Description
CV-601	MPROX controller with CV-7400 mullion prox reader, up to 4" - 5" read range
CV-7400	Reader only for CV-601
CV-CSA	Prox card for CV-601 (100 per box)
CV-KTA	Prox key fob for CV-601 (25 per packet)
CV-CSH	Prox card for discontinued CV-600 (100 per box)
CV-KTH	Prox key fob for discontinued CV-600 (10 per tube)



CV-KTA

CV-CSH

Note: All cards and fobs are sold in multiples of 10, except CV-KTA (25).

CV-500PPK V2 is a stand-alone, single door proximity reader with up to 500 users – cards, fobs or keypad activation. Cards may be individually or block enrolled. Easy installation and usage – software or hand-held programmers are not required.



CV-500PPK V2

Model	Max. Users	Mounting	Outputs	Voltage	Outdoor Use	Vandal Resistant	Illuminated
CV-500PPK V2	500	Surface, Single Gang	1 form C	12V AC/DC	YES	NO	NO

PROXIMITY CARDS FOR CV-500PPK

Model	Description
CV-500PC	Proximity Card for CV-500PPK (100 per box)
CV-500PT	Proximity plastic fob for CV-500PPK (20 per box)



CV-500PC

CV-500PT

INVISION 32 ACCESS CONTROL

On-line distributed processing access control system for up to 64 doors. Kits include 2 door controller, software, 2 proximity readers (choice of formats and read range), power supply, and plug-in transformer (16V-40VA). Expandable to 128 doors with optional software module.

Model	Description
	KITS
CV-32	Control panel with software, power supply, and plug-in transformer
CV-32H1	Control panel with software, power supply, plug-in transformer, 2 HID format mullion readers
CV-32H2	Control panel with software, power supply, plug-in transformer, 2 HID format single gang readers
CV-32A1	Control panel with software, power supply, plug-in transformer, 2 AWID compatible mullion readers
CV-32A2	Control panel with software, power supply, plug-in transformer, 2 AWID compatible single gang readers
	OPTIONS
CV-128	Expands system to 128 reader capacity
CV-LNM	LAN interface module (TCP/IP)
CV-CCM	RS232 to RS485 converter. Enables computer to be hardwired up to 4000 ft from controller.
CV-RS485	USB to RS485 converter. Enables computer to be hardwired up to 4000 ft from controller.
CV-SU	Firmware upgrade to 3.5
CV-RMOD	Exit reader module
CV-ELCON	Elevator controller with one 8-floor relay board
CV-EL8	8 floor elevator module with wall-mount metal enclosure
CV-EL16	16 floor elevator module with wall-mount metal enclosure



CV-32 A1

HARDWARE

- Flash firmware technology for easy upgrades
- Supports 2 card readers – card reader/keypad combo per panel
- R-MOD enables in/out control of one door on each reader port
- Stores up to 3,000 transactions off-line
- Supports fully supervised communication via RS-232, RS-485 and TCP/IP
- 8 fully supervised programmable inputs (4 state monitoring alarms)
- 8 programmable outputs
- Reads 5 card formats per panel
- TCP/IP network ready (CV-LNM required)
- 12V DC @ 2A power supply (included)
- Battery back-up on system memory
- HVAC and Lighting Control
- Elevator control 8 to 32 floors (optional hardware required)

SOFTWARE

- Up to 64 reader capacity, expandable to 128
- 5000 cardholders per panel (upgradeable to 8000)
- 40 holiday schedules
- Auto card expiry by date up to five years in advance
- Multiple credentials per user
- Global and timed anti-passback
- Time and attendance reports
- Multiple language – English, French, Spanish and Chinese
- Unlimited global link commands
- Customized formats for exporting reports
- Advanced client-server design with up to 10 simultaneous full function clients over LAN/WAN
- Multiple-site management
- Multi-swipe functionality (2, 3, and 4 swipes)
- Visitor management
- Photo badging (optional)
- Card import (from other systems - optional)

INVISION 32 ACCESS CONTROL


Model	Description
	HID/AWID READER
CV-7400	HID/AWID format prox reader, mullion style, up to 4"-5" read range
	HID READERS
CV-5395	HID Thinline II low profile single gang reader, 4"-5" read range
CV-5455	HID ProxPro II, single gang reader, 6"-9" read range
CV-5375	HID MaxiProx reader, 16"-29" read range
CV-653PR	HID Vandal proof prox reader
CV-5355KP	HID ProxPro with keypad
	HID CARDS*
CV-CSH	HID Proxcard II, clam shell style (100 per box)
CV-KTH	HID Proxkey, key tag (10 per tube)
	AWID READERS
CV-7500	AWID compatible prox reader, mullion style, 4"-5" read range
CV-7500P	Single gang adapter plate
	AWID CARDS
CV-CSA	AWID format prox card, clam shell style (100 per box)
CV-KTA	AWID format prox key tag (25 per packet)

Cards and fobs are sold in multiples of 10, except CV-KTA (25).
*A full range of HID and AWID prox readers and cards are available.
Contact factory for details.



CV-634PR models integrate with most access control systems, and incorporate HID prox readers with our patented piezo keypad technology. They read all standard HID card formats.

- Voltage: 5-12VDC
- Current Draw: 150ma
- Reader Output: HID Wiegand



- Keypad Output: 8 bit or 26 bit Wiegand
- Temperature: -20°C to 75°C (-4°F to 158°F)
- Dimensions: 4 3/4" x 3 1/2" x 3/4" (120mm x 90mm x 20mm)



PIEZO KEYPADS / HID PROX READERS						
Model	Max. Users	Mounting	Outputs	Voltage	Outdoor Use	Illuminated
CV-634PR	Unlimited	Surface, Single Gang	Wiegand/26 bit keypad	5-12 V DC	YES	NO
CV-6348PR	Unlimited	Surface, Single Gang	Wiegand/8 bit keypad	5-12 V DC	YES	NO

PIEZO KEYPADS - WIEGAND OUTPUT						
Model	Max. Users	Mounting	Outputs	Voltage	Outdoor Use	Illuminated
CM-626SW	Unlimited	Surface Jamb	26 bit wiegand	12-24 VDC	YES	NO
CM-6268W	Unlimited	Surface Jamb	8 bit wiegand	12-24 VDC	YES	NO
CM-634W	Unlimited	Surface, Single Gang	26 bit wiegand	12-24 VDC	YES	NO



COVERT FACIAL IDENTIFICATION CAMERAS

EXIT WATCH™ COVERT DOOR FRAME, HIGH RESOLUTION COLOR CAMERAS

Exit Watch is installed on the frame of the exit door, which is the ideal location to capture clear and close-up video images. To all appearances, the unit is a typical height strip you would see anywhere. Exit Watch provides positive facial identification - perfect for use in banks, restaurants, filling stations and other retail applications.

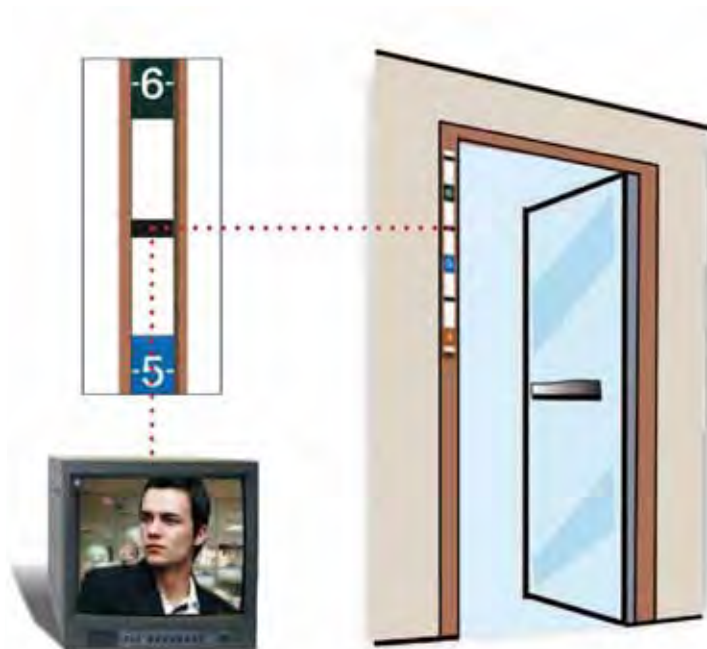
The high quality optical lens and ultra-small high resolution CCD camera makes Exit Watch one of the most advanced units available. The heavy duty, dark brown or silver steel case and back-screened multi-color faceplate are designed to keep the unit looking new by protecting it in high traffic areas.

The adjustable/lockable swivel bracket mounts directly to the door frame, enabling Exit Watch to be precisely adjusted for single or double door applications. Exit Watch provides clear and distinct images to law enforcement agencies for identification needs.

The compact EX-7 (6.5" long) can be mounted on either the door frame or over the door (horizontally). Exit Watch kit includes mounting hardware and 12 VDC regulated plug-in power transformer.

COVERT DOOR FRAME CAMERAS

Model	Description
CV-EX36	Color 550 TVL, 3.7mm lens, min. illum. 1 Lux @ f:2.0, dark brown case
CV-EX36S	Color 550 TVL, 3.7mm lens, min. illum. 1 Lux @ f:2.0, with silver (aluminum) finish (Special Order)
CV-EX7	Mini Cam, Color 550 TVL, 3.7mm lens, min. illum. 1 Lux @ f:2.0 , dark brown case
CV-EX7S	Mini Cam, Color 550 TVL, 3.7mm lens, min. illum. 1 Lux @ f:2.0 , with silver (aluminum) finish (Special Order)



Installed in minutes, Exit Watch provides high resolution images required for identification purposes.



Lockable swivel bracket allows for single or double door use.



CV-EX7



CV-EX36

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