



BOSCH
Invented for life

B Series Control Panels

Quick Guide

September 2017



Control Panels

B Series



Commercial Type Number		B3512	B4512	B5512	B6512
Integration		IP Video, Home Automation, BIS, Residential Fire	IP Video, Home Automation, BIS, Residential Fire	IP Video, Home Automation, BIS, Residential Fire	IP Video, Access Control, Home Automation, BIS, Residential Fire
Advanced Features	Area arming	Interior + Perimeter	Interior + Perimeter	Interior + Perimeter	Interior + Perimeter
	Link multiple areas	—	■	■	■
	Area re-arm	■	■	■	■
	Monitor delay	■	■	■	■
	Dual authentication	■	■	■	■
	Early ambush	■	■	■	■
Communication		IP*, Cellular, PSTN	IP*, Cellular, PSTN	IP*, Cellular, PSTN	IP*, Cellular, PSTN
Formats		Contact ID, Modem4	Contact ID, Modem4	Contact ID, Modem4	Contact ID, Modem4
IP	On-board Ports	Ethernet, USB	Ethernet, USB	Ethernet, USB	Ethernet, USB
	Conettix	■	■	■	■
	DNS support	■	■	■	■
	IPv4/IPv6	■ / ■	■ / ■	■ / ■	■ / ■
	Encryption	AES 256-bit	AES 256-bit	AES 256-bit	AES 256-bit
	AutoIP Configuration	■	■	■	■
Programming Methods		RPS via IP or USB, Keypad			
Ease of Use	Mobile app	■	■	■	■
	Bilingual operation (languages)	■ English, French, Spanish, Portuguese			
	Custom keypad text	■	■	■	■
	Situation-sensitive on-screen help	■	■	■	■
	Simplified menus	■	■	■	■
Notifications	Email, SMS text		Email, SMS text	Email, SMS text	Email, SMS text
Passcode Security	Authority levels	14	14	14	14
	User names	32 characters	32 characters	32 characters	32 characters
Wireless Compatibility	RADION, Inovonics		RADION, Inovonics	RADION, Inovonics	RADION, Inovonics
Capacity	Areas	1	2	4	6
	Custom functions	1	2	4	6
	Doors	—	—	—	4
	IP Cameras	—	2	4	6
	Log events	128	128	256	1000
	Outputs	3	27	43	91
	Point profiles	20	20	20	20
	Points (wired / wireless)	8/8	28/20	48/40	96/88
	Schedules (SKEDS)	1	5	5	10
	Supervised keypads	4	8	8	12
Users	10 + Service	32 + Service	50 + Service	100 + Service	
Certifications	UL, CSFM, ULC, CE, CCC		UL, CSFM, ULC, CE, CCC	UL, CSFM, ULC, CE, CCC	UL, CSFM, ULC, CE, CCC

■ Available — Not available * On-board

NOTE: Availability of features and services may vary by country or region. Not all features are available in all languages.

Keypads

Intrusion Applications



Commercial Type Number		B915	B920	B921C	B930	B942/W
Type		Text	Text w/ Function Keys	Capacitive Touch	Text w/ Soft Keys	Touch Screen
Function Keys	Intrusion	—	■	■	■	—
	Fire	—	—	—	—	—
Display	Type	2-line, 18 characters	2-line, 32 characters	2-line, 32 characters	5-line, 32 characters	Text + Icons
	Bilingual support	■	■	■	■	■
	Languages	English, French, Spanish, Portuguese				
On-screen help		—	■	■	■	■
Indicators	All On	■	■	■	■	■
	Part On	■	—	—	—	—
	Ready	■	■	■	■	■
	Trouble	■	■	■	■	■
	Power	■	■	■	■	■
	Gas alarm	■	■	■	■	■
	Fire alarm	—	—	—	—	—
	Silenced alarm	—	—	—	—	—
Supervision error	—	—	—	—	—	
Audible tones		■	■	■	■	■
Proximity reader		—	—	—	—	■
Inputs/outputs		— / —	— / —	4 / —	— / —	4 / 1
Dimensions		5.5" x 4.7" x 1" (139 x 118 x 23 mm)	6.2" x 4.7" x 1" (158 x 120 x 26 mm)	6.2" x 4.7" x 1" (158 x 120 x 26 mm)	6.2" x 5.5" x 1" (158 x 140 x 26 mm)	6.2" x 4.7" x 0.65" (158 x 120 x 16.5 mm)
Connection type		SDI2 bus				

■ Available — Not available

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Communication Modules

PSTN

Cellular



Commercial Type Number		B430	B440 / B440-C	B441 / B441-C	B443	B450
Type		Single phone line	Two-way cellular*	Two-way cellular*	Two-way cellular*	Remote cellular interface
IP	Supported protocols	—	Conettix	Conettix	Conettix	Conettix
	Encryption	—	AES 256-bit	AES 256-bit	AES 256-bit	AES 256-bit
Display	Ethernet protocol	—	—	—	—	—
	Ethernet type	—	—	—	—	—
	Network support	—	—	—	—	—
	DNS support	—	—	—	—	—
	Anti-replay/anti-substitution	—	■	■	■	■
Cellular	Resistance to DoS attacks	—	■	■	■	■
	Communication	—	3G EVDO rev A, CDMA2000, 1xRTT	CDMA2000, 1xRTT	3G/4G GPRS, EDGE, UMTS, HSPA+	—
Connection type	Network	—	Verizon	Verizon	—	—
	Panel	Plug-in	Plug-in	Plug-in	Plug-in	SDI or SDI2
Notifications	Communication path	RJ-45	Omni-directional antenna	Omni-directional antenna	Omni-directional antenna	Via plug-in module
	Email	—	■	■	—	■**
Programming	Text message (SMS)	—	■	■	■	■**
	Remote Security Control app	—	■	■	■	■**
	Keypad (basic)	—	—	—	—	—
Diagnostics	Remote via browser	—	—	—	—	—
	Remote via RPS	■	■	■	■	■**
Panel compatibility	LEDs	—	■	■	■	■
	Advanced keypad diagnostics	—	■	■	—	—
	B Series	■	■	■	■	■
Certifications	G Series	■	■	■	■	■
	GV4	—	■ (with B450)	■ (with B450)	■ (with B450)	■
		UL, ULC, CSFM, FDNY-CoA, ANATEL	FCC, UL, CSFM, FDNY-CoA, Verizon	FCC, UL, CSFM, FDNY-CoA, Verizon	UL, ULC, PTCRB, CE, FDNY-CoA, Rogers	NIST, FCC, UL, ULC, PTCRB, CE, ANATEL, SIA, CSFM, FDNY CoA

■ Available — Not available

- * B440 and B441 are shipped pre-activated for Bosch Cellular service on the Verizon cellular network. A valid service contract is required prior to ordering. B442 requires active cellular service on a GSM supported network. B443 requires an appropriate SIM card and data plan for cellular operation. C versions require activation using Remote Programming Software (RPS). A valid service contract is required to activate.
- ** Requires Bosch Cellular Service or other cellular network access.

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Accessories

CTN	Description
Conetrix Receivers	
D6100i	Communications Receiver/Gateway, CPU v.61.10.00
D6100IPv6	Communications Receiver/Gateway, CPU v.61.10.00
D6600	Communications Receiver/Gateway, CPU v.01.10.00
Wireless Receivers	
B810	B810 wireless receiver (RADION)
B820	B820 SDI2 Inovonics Interface Module
Accessories	
B501-10	SDI2 Interconnect Wiring Cables (pack of 10)
B56	Keypad Surface Mount Box
B96	Keypad Trim Bezel
B99	USB Direct Connect Cable
Enclosures	
B10	Medium Control Panel Enclosure
B11	Small Control Panel Enclosure
Transformers	
CX4010	Plug-in Transformer (18 VAC 22 VA 60 Hz)
ICP-TR1822-CAN	Plug-in Transformer – Canada (110 VAC/18 VAC 22 VA)

CTN	Description
Modules	
B201	2-wire Powered Loop Module
B208	Octo-input Module
B308	Octo-output Module
B520	Auxiliary Power Supply Module
B901	Access Control Module*
D113	Battery Lead Supervision Module
D125B	Dual Class B Initiating Module
D129	Class A Initiating Module
D130	Auxiliary Relay Module
D132A	Smoke Detector Reversing Relay Module
D133	Single Relay Module
D134	Dual Relay Module
D185	Reverse Polarity Signaling Module
D192G	Class B, Style Y Bell Circuit Supervision
ICP-EZTS	Cover and Wall Tamper Switch

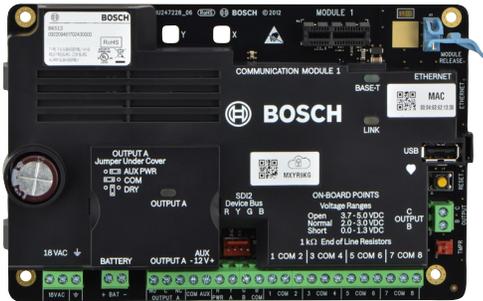
*B6512 only

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B Series Control Panels

Intrusion Application

B6512/B5512/B4512/B3512



Enclosures



B8103
Large
Enclosure



B11
Small
Enclosure



D8108A
Attack
Resistance
Enclosure



B10
Medium
Enclosure

Accessories



D137
Mounting
Bracket



ICP-EZTS
Universal
Tamper



D138
Mounting
Bracket



B56
Keypad
Backbox



B12
Mounting
plate for
D8103 &
D8108A

Keypads



B942
Touch
Screen



B942W
Touch
Screen



B921C
Capacitive
Touch



B920
Text w/
Function
Keys



B915
Text



B930
Text w/
Soft Keys

Power (country specific variants may apply)



B520
AUX
Power
Supply



D126
7Ah
Battery



D1218
18Ah
Battery



TR1850*
18VAC
Transformer



D135A
Low-Battery
Disconnect
Module



CX4010*
18VAC
Transformer

*country specific variants may apply

Communicators



B440-C
Cellular
(Verizon 3G
CDMA)



B430
Telephone
(PSTN)



B441-C
Cellular
(Verizon
CDMA)



B450
Remote
Cellular
Interface



B443
Cellular
(HSPA+ SIM
Required)

I/O Expansion



B208
Octo-
input
Module



B308
Octo-
Output
Module

Relays



D130
Aux Relay



D133/134
Relay

Residential Fire



D132A
Reversing
Relay



D125B
Dual Class B
Initiating
Module



D192G
Bell Super
Vision
Module



B201
2-wire
powered
loop



F220/F220-B6R
Smoke Detector
plus Base

Programming



D5500CU
RPS Upgrade



D5500CU-LITE
RPS Lite



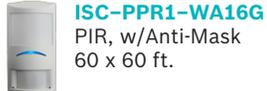
B99
USB
Cable

Wired Sensors

Professional Series



ISC-PPR1-W16
PIR
60 x 60 ft.



ISC-PPR1-WA16G
PIR, w/Anti-Mask
60 x 60 ft.



ISC-PDL1-W18G
TriTech
60 x 60 ft.



ISC-PDL1-W18G
PIR, w/Anti-Mask
60 x 60 ft.



ISC-PDL1-WC30G
TriTech
100 x 100 ft.

Commercial Series



ISC-CDL1-W15x
TriTech
50 ft.



ISC-CDL1-WA15x
TriTech+
w/Anti-Mask
50 ft.

Classic Series



**DS938Z/
DS9360**
PIR
360° x 50 ft.



DS936
PIR
360° x 24 ft.



**DS9370/
DS9371**
TriTech
360° x 70 ft.

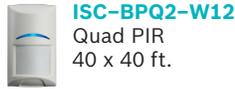
Blue Line Gen 2



ISC-BPR2-W12
PIR
40 x 40 ft.



ISC-BPR2-W12
PIR, Pet Friendly
40 x 40 ft.



ISC-BPQ2-W12
Quad PIR
40 x 40 ft.



ISC-BDL2-W12G
TriTech
40 x 40 ft.



ISC-BDL2-WP12G
TriTech, Pet friendly
40 x 40 ft.



ISC-BDL2-WP6G
TriTech, Pet friendly
20 x 20 ft.

Request-to-exit



DS150i
DS151i



DS150i
DS151i

Glass Break



DS1101i



DS1102i



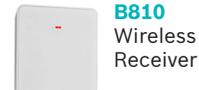
DS1103i



DS1108i

Wireless

RADION wireless



B810
Wireless
Receiver



RFRP-A
Wireless
Repeater



RFGB-A
Glass
Break
Detector



RFDW-SM-A
Surface
Contact



RFSM-A
Smoke
Detector



RFBT-A
Billtrap
Transmitter



RFPR-C12-A
Curtain PIR,
Pet Immune
40 x 5 ft.



RFPR-12-A
Curtain PIR,
Pet Immune
40 x 40 ft.



RFDL-11-A
TriTech
32 x 25 ft.



RFDW-RM-A
Recessed
Contact



RFUN-A
Universal
Transmitter

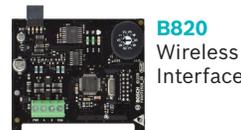


RFPB-SB-A
RFPB-TB-A
Button Panic
Devices



RFKF-TBS-A
RFKF-FBS-A
Button
Keyfobs

Innovonics Wireless



B820
Wireless
Interface



EN4200
Serial
Receiver

See www.boschsecurity.us for a complete product list.

Access Control (B6512 only)

Module



B901
Access
Module

Credentials



ACD-IC2K26-50
ACT-IC2K26-10
ACA-IC2K26-10
iClass Credential



ACA-ATR13
ACD-ATR11ISO
ACD-ATR14CS
RFID Credential
(for Readers and
B942 Keypad)



D8236-10
HID Prox
Credential



D8236KF-10
HID Prox
Credential

Readers



ARD-FP BEPIC-OC
ARD-FP EPHP-OC
Biometric



D8223
D8224
D8225
HID Prox



ARD-SER40-WI
ARD-SER10-WI
LECTUS Secure
(iClass SE)



ARD-AYH12
EM Prox Wall
Mount **RFID**



ARD-AYJ12
EM Prox
Mullion **RFID**



ARD-AYQ12
EM Prox Vandal
Resistant **RFID**



ARD-AYK12
EM Prox Mini
Mullion **RFID**



D8229
PIN

Integration

Automation



G450
Home Control
Gateway

IP Video



**Any Bosch
IP camera**

Public Address



Bosch PAVRIO
Public Address
and Voice
Evacuation

Mobile Apps



**Remote Security
Control**
Mobile App



Remote Security Plus
Mobile App

A Tradition of Quality and Innovation

For over 125 years, the Bosch name stands for quality and reliability. Bosch is the global supplier of choice for innovative technology, backed by the highest standards for service and support.



Bosch Security Systems proudly offers a wide range of security, safety, communications and sound solutions that are relied upon every day in applications around the world, from government facilities and public venues to businesses, schools and homes.

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For more information please visit
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