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# B Series Control Panels Quick Guide

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Security you can trust





# B Series Control Panels

Commercial type number (CTN)		B3512	B4512	B5512	B6512
					
<b>Integration</b>		IP Video, Home Automation, Residential Fire	IP Video, Home Automation, Residential Fire	IP Video, Home Automation, Residential Fire	IP Video, Access Control, Home Automation, Residential Fire
<b>Advanced features</b>	<b>Area arming</b>	Interior + perimeter	Interior + perimeter	Interior + perimeter	Interior + perimeter
	<b>Link multiple areas</b>	–	■	■	■
	<b>Area re-arm</b>	■	■	■	■
	<b>Monitor delay</b>	■	■	■	■
	<b>Dual authentication</b>	■	■	■	■
	<b>Early ambush</b>	■	■	■	■
	<b>Two-man rule</b>	■	■	■	■
<b>Communication</b>	<b>Options</b>	IP, Cellular, PSTN	IP, Cellular, PSTN	IP, Cellular, PSTN	IP, Cellular, PSTN
	<b>Formats</b>	Contact ID, Modem4	Contact ID, Modem4	Contact ID, Modem4	Contact ID, Modem4
<b>IP</b>	<b>On-board Ports</b>	Ethernet, USB	Ethernet, USB	Ethernet, USB	Ethernet, USB
	<b>Conettix</b>	■	■	■	■
	<b>DNS support</b>	■	■	■	■
	<b>IPv4/IPv6</b>	■/ ■	■/ ■	■/ ■	■/ ■
	<b>Encryption</b>	AES 256-bit	AES 256-bit	AES 256-bit	AES 256-bit
	<b>AutoIP configuration</b>	■	■	■	■
	<b>Universal Plug and Play</b>	■	■	■	■
<b>Programming methods</b>		RPS via IP or USB, Keypad	RPS via IP or USB, Keypad	RPS via IP or USB, Keypad	RPS via IP or USB, Keypad
<b>Ease of use</b>	<b>Mobile app</b>	■	■	■	■
	<b>Bilingual operation (languages)</b>	English, French, Spanish, Portuguese, German, Dutch, Chinese, Polish, Italian, Greek, Hungarian, Swedish	English, French, Spanish, Portuguese, German, Dutch, Chinese, Polish, Italian, Greek, Hungarian, Swedish	English, French, Spanish, Portuguese, German, Dutch, Chinese, Polish, Italian, Greek, Hungarian, Swedish	English, French, Spanish, Portuguese, German, Dutch, Chinese, Polish, Italian, Greek, Hungarian, Swedish
	<b>Custom keypad text</b>	■	■	■	■
	<b>Situation-sensitive on-screen help</b>	■	■	■	■
	<b>Simplified menus</b>	■	■	■	■

■ Available      – Not available

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

## B Series Control Panels *(continued)*







Commercial type number (CTN)		B3512	B4512	B5512	B6512
					
<b>Notifications</b>		Email, SMS text	Email, SMS text	Email, SMS text	Email, SMS text
<b>Passcode security</b>	<b>Authority levels</b>	14	14	14	14
	<b>User names</b>	32 characters	32 characters	32 characters	32 characters
<b>Wireless compatibility</b>		RADION, Inovonics	RADION, Inovonics	RADION, Inovonics	RADION, Inovonics
<b>Capacity</b>	<b>Areas</b>	1	2	4	6
	<b>Custom functions</b>	1	2	4	6
	<b>Doors</b>	–	–	–	4
	<b>IP cameras</b>	–	2	4	6
	<b>Log events</b>	512	512	1024	1024
	<b>Outputs</b>	3	27	43	91
	<b>Point profiles</b>	20	20	20	20
	<b>Points (total/wired/wireless)</b>	16 / 8 / 8	28 / 24 / 20	48 / 40 / 40	96 / 84* / 88
	<b>Schedules (SKEDS)</b>	1	5	5	10
	<b>Supervised keypads</b>	4	8	8	12
	<b>Users</b>	10 + service	32 + service	50 + service	100 + service
<b>Certifications</b>		UL, CSFM, ULC, CE, CCC	UL, CSFM, ULC, CE, CCC	UL, CSFM, ULC, CE, CCC	UL, CSFM, ULC, CE, CCC

■ Available      – Not available

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

\* When using four access doors

# Intrusion Application Keypads





<b>Material description</b>		Text	Text w/ function keys	Capacitive touch	Text w/ soft keys	Slim Touch Keypad	Touch screen
<b>Commercial type number (CTN)</b>		B915/B915i	B920	B921C	B930	B940W	B942/B942W
							
<b>Function keys</b>	<b>Intrusion</b>	–	■	■	■	–	–
	<b>Fire</b>	–	–	–	–	–	–
<b>Display</b>	<b>Type</b>	2-line, 32 characters	2-line, 32 characters	2-line, 32 characters	5-line, 32 characters	Text + icons	Text + icons
	<b>Bilingual support</b>	■	■	■	■	■	■
	<b>Languages</b>	English, French, Spanish, Portuguese, German, Dutch, Chinese, Polish, Italian, Greek, Hungarian, Swedish	English, French, Spanish, Portuguese, German, Dutch, Italian, Hungarian, Swedish	English, French, Spanish, Portuguese, German, Dutch, Italian, Hungarian, Swedish	English, French, Spanish, Portuguese, German, Dutch, Italian, Hungarian, Swedish	English, Chinese, Dutch, French, German, Greek, Italian, Hungarian, Polish, Portuguese, Spanish, Swedish.	English, French, Spanish, Portuguese, German, Dutch, Chinese, Polish, Italian, Greek, Hungarian, Swedish
<b>On-screen help</b>		–	■	■	■	■	■
<b>Indicators</b>	<b>All on</b>	■	■	■	■	■	■
	<b>Part on</b>	■	–	–	–	■	–
	<b>Ready</b>	■	■	■	■	■	■
	<b>Trouble</b>	■	■	■	■	■	■
	<b>Power</b>	■	■	■	■	■	■
	<b>Gas alarm</b>	■	■	■	■	■	■
<b>Features</b>	<b>Audible tones</b>	■	■	■	■	■	■
	<b>Proximity reader</b>	–	–	–	–	–	■
	<b>Inputs/outputs</b>	–/–	–/–	4/–	–/–	–/–	4/1
<b>Specifications</b>	<b>Dimensions</b>	5.5 x 4.7 x 1 in (139 x 118 x 23 mm)	6.2 x 4.7 x 1 in (150 x 120 x 26 mm)	6.2 x 4.7 x 1 in (150 x 120 x 26 mm)	6.2 x 5.5 x 1 in (150 x 140 x 26 mm)	5.5 in x 3.0 in x 0.40 in (140 x 76 x 10 mm)	6.2 x 4.7 x 0.65 in (150 x 120 x 16.5 mm)
	<b>Connection type</b>	SDI2 bus	SDI2 bus	SDI2 bus	SDI2 bus	SDI2 bus	SDI2 bus

■ Available      – Not available

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

\* When using four access doors

# Communication modules

<b>Material description</b>		PSTN (Single phone line)	Two-way cellular**	Two-way cellular**	Remote cellular interface
<b>Commercial type number (CTN)</b>		B430	B444-A	B444-V	B450
					
<b>IP</b>	<b>Supported protocols</b>	–	Conettix	Conettix	Conettix
	<b>Encryption</b>	–	AES 256-bit	AES 256-bit	AES 256-bit
<b>Cellular</b>	<b>Communication</b>	–	4G LTE - Cat 1	4G LTE - Cat 1	–
	<b>Network</b>	–	AT&T	Verizon	–
<b>Connection type</b>	<b>Panel</b>	Plug-in	Plug-in	Plug-in	SDI or SDI2
	<b>Communication path</b>	RJ-45	Two SMA antenna	Two SMA antenna	Via plug-in module
<b>Notifications</b>	<b>Email</b>	–	■	■	■**
	<b>Text message (SMS)</b>	–	■	■	■**
	<b>Remote Security Control app</b>	–	■	■	■**
<b>Programming</b>	<b>Keypad (basic)</b>	■	■	■	■
	<b>Remote via RPS</b>	■	■	■	■**
<b>Diagnostics</b>	<b>LEDs</b>	–	■	■	■
	<b>Advanced keypad diagnostics</b>	■	■	■	■
<b>Panel compatibility</b>	<b>B Series</b>	■	■	■	■
	<b>G Series</b>	■	■	■	■
	<b>GV4</b>	–	■ (with B450)	■ (with B450)	■
<b>Certifications</b>		UL, ULC, CSFM, FDNY-CoA, ANATEL	UL, ULC, PTCRB, CE, FDNY-CoA, Rogers	FCC, UL, CSFM, FDNY-CoA, Verizon	NIST, FCC, UL, ULC, PTCRB, CE, ANATEL, SIA, CSFM, FDNY-CoA

■ Available      – Not available

\* A valid service contract is required prior to ordering.

\*\* Requires Bosch Cellular Service or other cellular network access. B443 available without a SIM card.

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

# B Series Control Panels – Intrusion Application

## B6512/B5512/B4512/B3512



## Keypads



**B942**  
Touch screen



**B921C**  
Capacitive touch



**B915/  
B915i**  
Text



**B940W**  
Slim Touch keypad



**B920**  
Text w/  
function keys



**B930**  
Text w/  
soft keys



**B942W**  
Touch screen

## Communicators



**B444-A**  
Cellular (AT&T,  
4G LTE)



**B430**  
Telephone (PSTN)



**B444-V**  
Cellular (Verizon,  
4G LTE)



**B450**  
Remote Cellular Interface

Conetix alarm traffic must be sent to a Bosch Communications Receiver/Gateway: D6100i, D6100IPv6, D6600

## Enclosures



**B8103**  
Large enclosure



**B10**  
Medium enclosure



**D8108A**  
Attack Resistance Enclosure



**B11**  
Small enclosure

## Accessories



**D137**  
Mounting bracket



**D138**  
Mounting bracket



**B12**  
Mounting plate for D8103 & D8108A



**ICP-EZTS**  
Universal tamper



**B56**  
Keypad backbox



**B96**  
Keypad Trim Bezel

## I/O Expansion



**B208**  
Octo-input Module



**B308**  
Octo-output Module

## Relays



**D130**  
Aux Relay



**D133/134**  
Relay

## Power



**B520**  
AUX Power supply



**D126**  
12V, 7Ah Battery



**TR1850\***  
18VAC Transformer



**D135A**  
Low-Battery Disconnect Module



**D1218**  
12V, 18Ah Battery



**CX4010\***  
18VAC Transformer



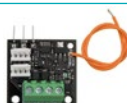
**ICP-TR1822-CAN**  
Plug-in Transformer - Canada (110 VAC/ 18 VAC 22 VA)

\*Country specific variants may apply

## Residential Fire



**D132A**  
Reversing Relay



**B201**  
2-wire powered loop



**F220/  
F220-B6R**  
Smoke Detector plus Base



**D125B**  
Dual Class B Initiating Module



**D113**  
Battery Lead Supervision Module



**D192G**  
Bell Super Vision Module



**D185**  
Reverse Polarity Signaling Module

## Programming



**D5500CU**  
RPS



**D5500CU-LITE**  
RPS Lite



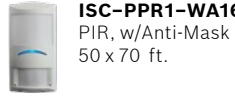
**B99**  
USB Cable

## Wired Sensors

### Professional Series



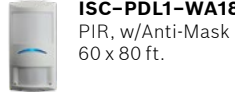
**ISC-PPR1-W16**  
PIR  
50 x 70 ft.



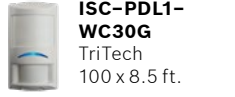
**ISC-PPR1-WA16G**  
PIR, w/Anti-Mask  
50 x 70 ft.



**ISC-PDL1-W18G**  
TriTech  
60 x 80 ft.

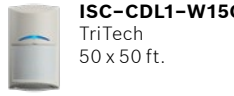


**ISC-PDL1-WA18G**  
PIR, w/Anti-Mask  
60 x 80 ft.



**ISC-PDL1-WC30G**  
TriTech  
100 x 8.5 ft.

### Commercial Series



**ISC-CDL1-W15G**  
TriTech  
50 x 50 ft.

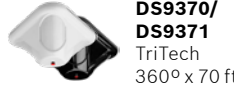


**ISC-CDL1-WA15G**  
TriTech+  
w/ Anti-Mask  
50 x 50 ft.

### Ceiling Mount



**DS936**  
PIR  
360° x 24 ft.



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



**DS939**  
PIR  
360° x 70 ft.

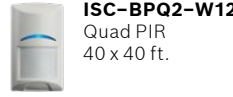
### Blue Line Gen2



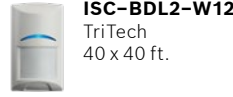
**ISC-BPR2-W12**  
PIR  
40 x 40 ft.



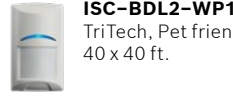
**ISC-BPR2-WP12**  
PIR, Pet friendly  
40 x 40 ft.



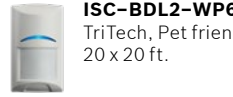
**ISC-BPQ2-W12**  
Quad PIR  
40 x 40 ft.



**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



**DS160  
DS161**



**DS150i  
DS151i**

### Glass Break



**DS1101i**



**DS1103i**



**DS1102i**



**DS1108i**

## Integration

### Automation



**G450**  
Home Control  
Gateway



**Any Bosch  
IP Camera**

### Public Address



**Bosch PAVIRO**  
Public Address  
and Voice  
Evacuation

## Wireless

### RADION



**B810**  
Wireless  
Receiver



**RFRP-A**  
Wireless  
Repeater



**RFGB-A**  
Glass Break  
Detector



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



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



**RFDL-11-A**  
TriTech  
35 x 35 ft.



**RFDW-SM-A**  
Surface  
Contact



**RFDW-RM-A**  
Recessed  
Contact



**RFUN-A**  
Universal  
Transmitter



**RFSM-A**  
Smoke  
Detector



**RFPB-FP-A**  
Fixed Position  
Panic Button



**RFBT-A**  
Bill Trap



**RFPB-SB-A  
RFPB-TB-A**  
Panic Buttons



**RFKF-TBS-A  
RFKF-FBS-A**  
Arm/Disarm  
Keyfobs

### Inovonics



**B820**  
SDI2  
Inovonics  
Interface  
Module



**EN4200**  
Serial  
Receiver

## 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



**D8236-10**  
HID Prox Card



**D8236KF-10**  
HID Prox Token

### Readers



**ARD-SER40-WI  
ARD-SER10-WI  
ARD-SERK40-WI  
ARD-SER90-WI**  
Lectus Secure,  
iCLASS, Wiegand



**ARD-AYK12**  
EM Mini Mullion RFID

## Mobile Apps



**Remote  
Security  
Control**  
Mobile App



**Remote  
Security Plus  
Home Control**  
Mobile App

## A Tradition of Quality and Innovation

### **Bosch Security and Safety Systems**

Protecting lives, buildings and assets is our aim. Our product portfolio includes video security, intrusion detection, fire detection and voice evacuation systems as well as access control and management systems. Professional audio and conference systems for communications of voice, sound and music complete the range.

**Bosch Security Systems**

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