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# G Series Control Panels Quick Guide

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Security you can trust



# Control Panels

## G Series

### Commercial type number (CTN)

B8512G

B9512G



		B8512G	B9512G
<b>Integration</b>		IP Video, Access Control, Home Automation, Residential & Commercial Fire	IP Video, Access Control, Home Automation, Residential & Commercial Fire
<b>Advanced features</b>	<b>Area arming</b>	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
	<b>Formats</b>	Contact ID, Modem4	Contact ID, Modem4
<b>IP</b>	<b>On-board Ports</b>	IP, USB	IP, USB
	<b>Conettix</b>	■	■
	<b>DNS support</b>	■	■
	<b>IPv4/IPv6</b>	■ / ■	■ / ■
	<b>Encryption</b>	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
<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
	<b>Custom keypad text</b>	■	■
	<b>Situation-sensitive on-screen help</b>	■	■
	<b>Simplified menus</b>	■	■

■ Available      – Not available

\* Requires version 2 or above firmware

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

# Control Panels *(continued)*

## G Series

### Commercial type number (CTN)

B8512G

B9512G



<b>Notifications</b>		Email, SMS text	Email, SMS text
<b>Passcode security</b>	<b>Authority levels</b>	14	14
	<b>User names</b>	32 characters	32 characters
<b>Wireless compatibility</b>		RADION, Inovonics	RADION, Inovonics
<b>Capacity</b>	<b>Areas</b>	8	32
	<b>Custom functions</b>	8	32
	<b>Doors</b>	8	32
	<b>IP cameras</b>	8	16
	<b>Log events</b>	2,048	10,192
	<b>Outputs</b>	3 + 96	3 + 596
	<b>Point profiles</b>	31	64
	<b>Points (total/wired/wireless)</b>	99/88/91	599/512/504
	<b>Schedules (SKEDS)</b>	40	80
	<b>Supervised keypads</b>	16	32
<b>Users</b>		500 + service	2,000 + service
		UL, ULC, CSFM, CE, CCC, FDNY-CoA, FM	UL, ULC, CSFM, CE, CCC, FDNY-CoA, FM
<b>Certifications</b>		UL, ULC, CSFM, CE, CCC, FDNY-CoA, FM	UL, ULC, CSFM, CE, CCC, FDNY-CoA, FM

■ Available      – Not available

\* Requires version 2 or above firmware

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

# Keypads

## Intrusion Applications

## Fire Applications

Material description	Text	Text w/ function keys	Capacitive touch	Text w/ soft keys	Slim Touch Keypad	Touch screen	Combination Intrusion + Fire	Fire
<b>Commercial type number (CTN)</b>	B915/B915i	B920	B921C	B930	B940W	B942/B942W	B925F	B926F








<b>Function keys</b>	<b>Intrusion</b>	–	■	■	■	–	–	■	–
	<b>Fire</b>	–	–	–	–	–	–	■	■
<b>Display</b>	<b>Type</b>	2-line, 18 characters	2-line, 32 characters	2-line, 32 characters	5-line, 32 characters	Text + icons	Text + icons	2-line, 32 characters	2-line, 32 characters
	<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	English, French, Spanish, Portuguese, German, Dutch, Italian, Hungarian, Swedish	English, French, Spanish, Portuguese, German, Dutch, Italian, 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>Fire alarm</b>	–	–	–	–	■	–	■	■
	<b>Silenced alarm</b>	–	–	–	–	–	–	■	■
	<b>Supervision error</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)	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)
	<b>Connection type</b>	SDI2 bus	SDI2 bus	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.

# Communication modules

<b>Material description</b>		PSTN (Single phone line)	Two-way cellular*	Two-way cellular*	Remote cellular interface	Ethernet (Two-way IP)
<b>Commercial type number (CTN)</b>		B430	B444-A	B444-V	B450	B426
						
<b>IP</b>	<b>Supported protocols</b>	–	Conettix	Conettix	Conettix	Conettix
	<b>Encryption</b>	–	AES 256-bit	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	SDI or SDI2
	<b>Communication path</b>	RJ-45	Two SMA antenna	Two SMA antenna	Via plug-in module	RJ-45 (Cat5 or greater)
<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>	<b>Approval (agencies)</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	FCC, UL, ULC, CSFM, FDNY-CoA
	<b>Primary/secondary for Commercial Fire</b>	■	■	■	■	■

■ Available      – Not available

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

\*\* Requires Bosch Cellular Service or other cellular network access.

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



# G Series Control Panels – Intrusion Application

## B9512G/B8512G



## 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

## SDI Keypads



**D1260-B**  
ATM Keypad



**D1255-B**  
Keypad

## Communicators



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



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



**B430**  
Telephone (PSTN)



**B450**  
Remote Cellular  
Interface



**B426**  
Ethernet  
SDI or SDI2

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

## Enclosures



**B8103**  
Large enclosure



**D8108A**  
Attack Resistance  
Enclosure

## Accessories



**D137**  
Mounting  
bracket



**D138**  
Mounting  
bracket



**ICP-EZTS**  
Universal  
tamper



**B56**  
Keypad  
backbox

## I/O Expansion



**B208**  
Octo-input  
Module



**B308**  
Octo-  
output  
Module

## Relays



**D130**  
Aux Relay



**D133/134**  
Relay

## Programming



**D5500CU**  
RPS



**D5500CU-LITE**  
RPS Lite



**B99**  
USB Cable

## Point and Output Expansion



**D8125MUX**  
Multiplex  
Interface



**DS7432**  
Eight-  
Input



**DS7465i**  
Input-  
Output



**D9127U/T**  
Popit  
Module



**B600**  
Retrofit  
(ZONEX)  
Module



**D8129**  
Octo-  
Relay



**DS7461i**  
Single  
Zone  
Input



**DS7457i**  
Single Zone  
Mini-Mod



**B299**  
SDI2 Popex  
Expansion



**D8128D**  
Octo-  
Popit



**DS7461i**  
Single  
Zone  
Input

## Power



**B520**  
AUX  
Power  
supply



**D1640**  
Transformer  
(6.5 VAC  
40 VA)



**D1218**  
18Ah  
Battery



**D1640-CA**  
Transformer -  
Canada  
(16.5 VAC 40 VA)

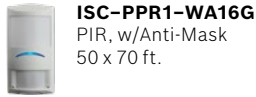
\*Country specific variants may apply

## Wired Sensors

### Professional Series



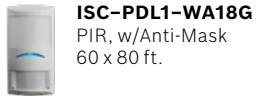
**ISC-PPR1-W16**  
PIR  
50 x 70 ft.



**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.

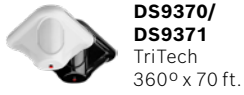


**ISC-CDL1-WA15G**  
TriTech+  
w/ Anti-Mask  
50 x 50 ft.

### Ceiling Mount



**DS936**  
PIR  
360° x 24 ft.



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

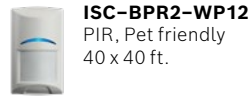


**DS939**  
PIR  
360° x 70 ft.

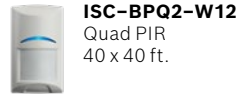
### Blue Line Gen2



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



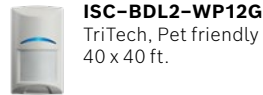
**ISC-BPR2-WP12**  
PIR, Pet friendly  
40 x 40 ft.



**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



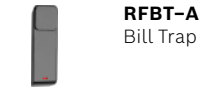
**RFUN-A**  
Universal  
Transmitter



**RFSM-A**  
Smoke  
Detector



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



**RFBT-A**  
Bill Trap



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

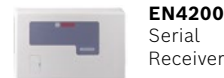


**RFKF-TBS-A  
RFKF-FBS-A**  
Arm/Disarm  
Keyfobs

### Inovonics



**B820**  
SDI2  
Inovonics  
Interface  
Module



**EN4200**  
Serial  
Receiver

## Access Control

### 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

# G Series Control Panels – Intrusion Application + Commercial Fire UL 864

## B9512G/B8512G



## Keypads

### SDI2



**B925F**  
Intrusion  
+ Fire



**B926F**  
Standard  
Fire

### SDI



**D1255RB**  
Standard  
Fire

## Annunciator



**D1257RB**  
Fire  
Annunciator



**D1256RB**  
Four-button  
Annunciator

## Programming



**D5500CU**  
RPS



**D5500CU-LITE**  
RPS Lite



**B99**  
USB Cable

## Communicators



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



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



**B430**  
Telephone (PSTN)



**B450**  
Remote Cellular  
Interface



**B426**  
Ethernet  
SDI or SDI2



**D166/RJ31X**  
Telephone Jack

## Enclosures



**D8109L**



**D8109**

## Accessories



**BATB-40**  
**BATB-80**  
Battery  
Cabinet



**D56R**  
Conduit  
Box



**FMM-462**  
Addressable  
Pull



**D8004**  
Transformer  
Enclosure

## Power



**B520**  
AUX  
Power  
supply



**D126**  
12V, 7Ah  
Standby  
Battery



**D1224**  
12V,  
26-28Ah  
Battery



**D113**  
Battery  
Lead  
Supervision  
Module



**D1218**  
12V, 18Ah  
Battery



**D1640**  
Trans-  
former

\*Country specific variants may apply

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

## Expansion + Relays



**D192G**  
Bell Card



**D132A**  
Reversing  
Relay



**D8130**  
Releasing  
Module



**D129**  
Dual  
Class A



**D130**  
Aux  
Relay



**FPP-RNAC-8A-4C**  
4-Outputs  
(24 VDC  
Only)



**D185**  
Reverse  
Polarity



**D125B**  
Powered  
Loop

## Point and Output Expansion



**D8125MUX**  
Multiplex  
Interface



**DS7432**  
Eight-  
Input



**DS7465i**  
Input-  
Output



**D9127U/T**  
Popit  
Module



**B600**  
Retrofit  
(ZONEX)  
Module



**D8129**  
Octo-  
Relay



**DS7461i**  
Single  
Zone Input



**DS7457i**  
Single Zone  
Mini-Mod



**B299**  
SDI2 Popex  
Expansion



**D8128D**  
Octo-  
Popit



**DS7461i**  
Single  
Zone Input



## Wheelock



**W-HNR/W**  
Horn



**W-HSRC/WC**  
Horn Strobe



**DSM-12/24-R**  
Dual  
Synchronization  
Module



**ASWP-2475W-FR**  
Outdoor Horn  
Strobe



**W-STW/R**  
Strobe

## L-Series **NEW**



**SS-LF**  
Low Frequency 520  
Hz Indoor Strobes



**SS-L**  
Horn Strobes



**SS-MDL3R**  
Synchronization  
Module

## Detectors



**D7050/TH**  
Addressble Detector  
Head



**F220P/PTH/PTHC**  
Conventional  
Detector Head



**F220-135/-135F/-190F**  
Heat Detector Head



**FCC-380**  
CO Detector



**D7050-B6**  
Addressable (MUX)  
Dectector Base



**F220-B6x**  
Conventional Base  
12/24 volt



**F220-B6PS**  
Addressable (POPIT)  
Base 12 volt

## Integration

### Automation



**G450**  
Home Control  
Gateway

### IP Video



**Any Bosch  
IP Camera**

### Public Address



**Bosch PAVIRO**  
Public Address  
and Voice  
Evacuation

## 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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