Quick Guide B Series and G Series Control Panels

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Control Panels

		B Series		G Series	
Commercial Type Number		B5512	B6512	B8512G	B9512G
Integration		IP Video, BIS, BVMS	IP Video, Access Control, BIS, BVMS	IP Video, Access Control, BIS, BVMS	IP Video, Access Control, BIS, BVMS
Advanced Features	Area arming	Interior + Perimeter	Interior + Perimeter	Interior + Perimeter	Interior + Perimeter
	Link multiple areas	■	■	■	■
	Area re-arm	■	■	■	■
	Monitor delay	■	■	■	■
	Dual authentication	■	■	■	■
	Early ambush	■	■	■	■
	Two-man rule	■	■	■	■
Communication	Options	IP*, Cellular, PSTN	IP*, Cellular, PSTN	IP*, Cellular, PSTN	IP*, Cellular, PSTN
	Formats	Contact ID, Modem4, Conettix	Contact ID, Modem4, Conettix	Contact ID, Modem4, Conettix	Contact ID, Modem4 Conettix
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	■	■	■	■
	Universal Plug and Play	■	■	■	■
Programming Methods		RPS via IP or USB, Keypad	RPS via IP or USB, Keypad	RPS via IP or USB, Keypad	RPS via IP or USB, Keypad
Ease of Use	Mobile app	■	■	■	■
	Bilingual operation (languages)	English, French, Spanish, Portuguese, Italian, Polish, Greek, Hungarian, Chinese	English, French, Spanish, Portuguese, Italian, Polish, Greek, Hungarian, Chinese	English, French, Spanish, Portuguese, Italian, Polish, Greek, Hungarian, Chinese	English, French, Spanish, Portuguese, Italian, Polish, Greek, Hungarian, Chinese
	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	RADION	RADION	RADION
Capacity	Areas	4	6	8	32
	Custom functions	4	6	8	32
	Doors	–	4	8	32
	IP Cameras	4	6	8	16
	Log events	1024	1024	2,048	10,192
	Outputs (onboard/expanded)	3/40	3/88	3/96	3/596
	Point profiles	20	20	31	64
	Points (total/wired/wireless)	48/40/40	96/84/88	99/88/91	599/512/504
	Schedules (SKEDS)	5	10	40	80
	Supervised keypads	8	12	16	32
	Users	50 + Service	100 + Service	500 + Service	2000 + Service
Certifications		UL, CSFM, ULC, CE, CCC	UL, CSFM, ULC, CE, CCC	UL, ULC, CSFM, CE, CCC	UL, ULC, CSFM, 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				Fire Applications	
Type		Text	Text w/ function keys	Touch screen	Touch screen	Combination Intrusion + Fire	Fire
Commercial type number (CTN)		B915 / B915i	B920	B942B	B942W	B925F	B926F
Function keys	Intrusion	–	■	–	–	■	–
	Fire	–	–	–	–	■	■
Display	Type	2-line, 18 characters	2-line, 32 characters	Text + Icons	Text + Icons	2-line, 32 characters	2-line, 32 characters
	Bilingual support	■	■	■	■	■	■
	Languages	English, French, Spanish, Portuguese, Italian, Polish, Greek, Hungarian, Chinese	English, French, Spanish, Portuguese, Italian, Hungarian	English, French, Spanish, Portuguese, Italian, Polish, Greek, Hungarian, Chinese	English, French, Spanish, Portuguese, Italian, Polish, Greek, Hungarian, Chinese	English, French, Spanish, Portuguese, Italian, Hungarian	English, French, Spanish, Portuguese Italian, Hungarian
On-screen help		–	■	■	■	–	–
Indicators	All on	■	■	■	■	■	■
	Part on	■	■	■	■	■	–
	Ready	■	■	■	■	■	■
	Trouble	■	■	■	■	■	■
	Power	■	■	■	■	■	■
	Gas alarm	■	■	■	■	■	■
	Fire alarm	–	–	–	–	■	■
	Silenced alarm	–	–	–	–	■	■
	Supervision error	–	–	–	–	■	■
Proximity reader	Audible tones	■	■	■	■	■	■
	Proximity reader	–	–	■	■	–	–
	Inputs/outputs	–/–	–/–	4/1	4/1	–/–	–/–
Specifications	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 0.65" (158 x 120 x 16.5 mm)	6.2" x 4.7" x 0.65" (158 x 120 x 16.5 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)
	Connection type	SDI2 bus	SDI2 bus	SDI2 bus	SDI2 bus	SDI2 bus	SDI2 bus

■ Available   – Not available

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Communication modules

Material description		PTSN (Single phone line)	Two-way cellular*	Two-way cellular*	Remote cellular interface	Ethernet (Two-way IP)
Commercial type number (CTN)		B430	B442 G Series	B443	B450	B426
IP	Supported protocols	–	Conettix	Conettix, Modem 4	Conettix	Conettix
	Encryption	–	AES 256-bit	AES 256-bit	AES 256-bit	AES 256-bit
Display	Anti-replay/anti-substitution	–	■	■	■	■
	Resistance to DoS attacks	–	■	■	■	■
Cellular	Communication	–	GPRS	3G/4G GPRS, EDGE, UMTS, HSPA+	–	–
	Network	–	Verizon	–	–	–
Connection type	Panel	Plug-in	Plug-in	Plug-in	SDI or SDI2	SDI or SDI2
	Communication path	RJ-45	Omni-directional antenna	Omni-directional antenna	Via plug-in module	RJ-45 (Cat5 or greater)
Notifications	Email	–	■	–	■**	–
	Text message (SMS)	–	■	■	■**	–
	Remote Security Control app	–	■	■	■**	■
Programming	Remote via RPS	■	–	–	■**	■
Diagnostics	LEDs	–	■	■	■	■
	Advanced keypad diagnostics	–	■	–	■	■
Panel compatibility	B Series	■	■	■	■	■
	G Series	■	■	■	■	■
	GV4	–	■ (with B450)	■ (with B450)	■	■
Certifications		UL, ULC, CSFM, FDNY-CoA, CE, ANATEL	FCC, UL, ULC, CE, ANATEL	UL, ULC, PTCRB, CE, FDNY-CoA, Rogers	NIST, FCC, UL, ULC, PTCRB, CE, ANATEL, SIA, CSFM, FDNY CoA	FCC, UL, ULC, CSFM, FDNY-CoA

■ Available   – Not available

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

B & G Series Control Panels _ Intrusion Application

B6512/B5512/B4512/B3512

B6512/B5512

B9512G/B8512G

Keypads

B942 Touch screen

B942W Touch screen

B915/ B915i Text

B920 Text w/ function keys

I/O Expansion

B208 Octo-input Module

B308 Octo-Output Module

Enclosures

B8103 Large enclosure

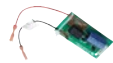**D8108A** Attack Resistance Enclosure

B10 Medium enclosure

Power*

B520 AUX Power supply

D1640 Transformer

D122/ D122L Battery harness

D126 7Ah Battery

D135A Low-Battery Disconnect Module

DE-45-18 Transformer EU plug

> *Country specific variants may apply

Residential Fire

D125B Dual Class B Initiating Module

B201 2–wire powered loop

F220/F220–B6R Smoke Detector plus Base

Accessories

D137 Mounting bracket

ICP–EZTS Universal Tamper

D138 Mounting bracket

B12 Mounting plate for D8103 & D8108A

Communicators

B430 Telephone (PSTN)

B450 Remote Cellular Interface

B442 Cellular GPRS

B426 Ethernet SDI or SDI2

B443 Cellular (HSPA+ SIM Required)

Programming

D5500CU RPS

Installer Services Portal (available in all languages)

D5500CU–LITE RPS Lite

B99 USB Cable

Wired Sensors

Professional Series

ISC–PPR1–W16
PIR
16 x 21 m.

Ceiling Mount

DS936
Low-profile PIR
360º x 7 m.

DS939
High-performance PIR
360º x 21 m.

Blue Line Gen2

ISC–BPR2–W12
PIR
12 x 12 m.

ISC–BPR2–WP12
PIR, Pet Friendly
12 x 12 m.

ISC–BPQ2–W12
Quad PIR
12 x 12 m.

Request-to-exit

DS160

DS161

DS150i

DS151i

Glass Break

DS1101i

DS1102i

DS1103i

DS1108i

Integration

IP Video

Any Bosch IP camera

Accessories

Conettix Receivers

D6100IPv6
Communications Receiver/Gateway, CPU v.61.10.00

D6600
Communications Receiver/Gateway, CPU v.01.10.00

Wireless

RADION

B810
Wireless Receiver

RFRP
Wireless Repeater

RFGB
Glass Break Detector

RFDW–SM
Surface Contact

RFDW–RM
Recessed Contact

RFUN
Universal Transmitter

RFSM
Smoke Detector

RFBT
Billtrap

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

RFPR–12
Standard PIR, Pet Immune
40 x 40 ft.

RFPB–SB
RFPB–TB
Panic Buttons

RFKF–TBS
RFKF–FBS
Arm/Disarm Keyfobs

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

Access Control (B6512, B8512G and B9512G)

Module

B901
Access Module

Keypads

D8229
keypad

ARD-AYCF64
EM keypad

ARD-AYCE65B
EM keypad, vandal-resistant

ARD-AYZ12
EM long range reader

Readers

ARD-FPBEPPR-OC
ARD-FPBEPHP-OC
Biometric

D8223
D8224
D8225
HID Prox

ARD–SER40–WI
ARD–SER10–WI
ARD–SERK40–WI
ARD–SER90–WI
Lectus secure iCLASS, Wiegand

ARD–AYH12
EM Mount **RFID**

ARD–AYJ12
EM Mullion **RFID**

ARD–AYQ12
EM, vandal-resistant **RFID**

ARD–AYK12
EM Mini Mullion **RFID**

Mobile Apps

Remote Security Control
Mobile App

Notes

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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.