



BOSCH

Invented for life

G Series Control Panels Quick Guide

www.boschsecurity.com

Security you can trust



Control Panels

GV4

G Series

Commercial type number (CTN)

D7212GV4

D7412GV4

D9412GV4

B8512G

B9512G



		D7212GV4	D7412GV4	D9412GV4	B8512G	B9512G
Integration		Residential Fire	Access Control, Residential & Commercial Fire	Access Control, Residential & Commercial Fire	IP Video, Access Control, Home Automation, Residential & Commercial Fire	IP Video, Access Control, Home Automation, Residential & Commercial Fire
Advanced features	Area arming	Interior + Perimeter	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	IP, Cellular, PSTN
	Formats	Contact ID, Modem IIIa	Contact ID, Modem IIIa	Contact ID, Modem IIIa	Contact ID, Modem4	Contact ID, Modem4
IP	On-board Ports	–	–	–	IP, USB	IP, USB
	Conettix	■	■	■	■	■
	DNS support	■	■	■	■	■
	IPv4/IPv6	■ / –	■ / ■*	■ / ■*	■ / ■	■ / ■
	Encryption	■	■	■	AES 256-bit	AES 256-bit
	AutoIP configuration	■	■	■	■	■
	Universal Plug and Play	–	■*	■*	■	■
Programming methods		RPS via IP, Keypad	RPS via IP, Keypad	RPS via IP, Keypad	RPS via IP or USB, Keypad	RPS via IP or USB, Keypad
Ease of use	Mobile app	■	■	■	■	■
	Bilingual operation (languages)	– (English)	– (English)	– (English)	■ (English, French, Spanish, Portuguese)	■ (English, French, Spanish, Portuguese)
	Custom keypad text	■	■	■	■	■
	Situation-sensitive on-screen help	–	–	–	■	■
	Simplified menus	–	–	–	■	■

■ 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)*

		GV4			G Series	
Commercial type number (CTN)		D7212GV4	D7412GV4	D9412GV4	B8512G	B9512G
						
Notifications		–	–	–	Email, SMS text	Email, SMS text
Passcode security	Authority levels	14	14	14	14	14
	User names	16 characters	16 characters	16 characters	32 characters	32 characters
Wireless compatibility		Inovonics	RADION*, Inovonics	RADION*, Inovonics	RADION, Inovonics	RADION, Inovonics
Capacity	Areas	4	8	32	8	32
	Custom functions	4	4	16	8	32
	Doors	–	2	8	8	32
	IP cameras	–	–	–	8	16
	Log events	1,000	1,000	1,000	2,048	10,192
	Outputs	27	67	131	3 + 96	3 + 596
	Point profiles	31	31	31	31	64
	Points (total/wired/wireless)	40/40/32	99/75/67	247/246/238	99/88/91	599/512/504
	Schedules (SKEDS)	40	40	40	40	80
	Supervised keypads	8	16	16	16	32
	Users	99 + service	399 + service	999 + service	500 + service	2,000 + service
Certifications		UL, CSFM, ULC, ANATEL, CE, CCC	UL, CSFM, FDNY-CoA, ULC, ANATEL, CE, CCC	UL, CSFM, FDNY-CoA, ULC, ANATEL, CE, CCC	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	Touch screen	Combination Intrusion + Fire	Fire
Commercial type number (CTN)	B915/B915i	B920	B921C	B930	B942/B942W	B925F	B926F








Function keys	Intrusion	–	■	■	■	–	■	–
	Fire	–	–	–	–	–	■	■
Display	Type	2-line, 18 characters	2-line, 32 characters	2-line, 32 characters	5-line, 32 characters	Text + icons	2-line, 32 characters	2-line, 32 characters
	Bilingual support	■	■	■	■	■	■	■
	Languages	English, French, Spanish, Portuguese	English, French, Spanish, Portuguese	English, French, Spanish, Portuguese	English, French, Spanish, Portuguese	English, French, Spanish, Portuguese	English, French, Spanish, Portuguese	English, French, Spanish, Portuguese
On-screen help		–	■	■	■	■	–	–
Indicators	All on	■	■	■	■	■	■	■
	Part on	■	■	■	■	■	■	■
	Ready	■	■	■	■	■	■	■
	Trouble	■	■	■	■	■	■	■
	Power	■	■	■	■	■	■	■
	Gas alarm	■	■	■	■	■	■	■
	Fire alarm	–	–	–	–	–	■	■
	Silenced alarm	–	–	–	–	–	■	■
	Supervision error	–	–	–	–	–	■	■
Features	Audible tones	■	■	■	■	■	■	■
	Proximity reader	–	–	–	–	■	–	–
	Inputs/outputs	– / –	– / –	4 / –	– / –	4 / 1	– / –	– / –
Specifications	Dimensions	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)	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)
	Connection type	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

Material description		PSTN (Single phone line)	Two-way cellular*	Two-way cellular*	Remote cellular interface	Ethernet (Two-way IP)
Commercial type number (CTN)		B430	B444/B444-C	B443/B443-ATT/B443-ROG/B443-TMO	B450	B426
						
IP	Supported protocols	–	Conettix	Conettix	Conettix	Conettix
	Encryption	–	AES 256-bit	AES 256-bit	AES 256-bit	AES 256-bit
Cellular	Communication	–	4G LTE	3G/4G GPRS, EDGE, UMTS, HSPA+	–	–
	Network	–	Verizon	AT&T, Rogers, T-Mobile	–	–
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	Keypad (basic)	■	■	■	■	■
	Remote via RPS	■	■	■	■**	■
Diagnostics	LEDs	–	■	■	■	■
	Advanced keypad diagnostics	■	■	■	■	■
Panel compatibility	B Series	■	■	■	■	■
	G Series	■	■	■	■	■
	GV4	–	■ (with B450)	■ (with B450)	■	■
Certifications	Approval (agencies)	UL, ULC, CSFM, FDNY-CoA, ANATEL	FCC, UL, CSFM, FDNY-CoA, Verizon	UL, ULC, PTCRB, CE, FDNY-CoA, Rogers	NIST, FCC, UL, ULC, PTCRB, CE, ANATEL, SIA, CSFM, FDNY-CoA	FCC, UL, ULC, CSFM, FDNY-CoA
	Primary/secondary for Commercial Fire	■	■	■	■	■

■ Available – Not available

* B444 is shipped pre-activated for Bosch Cellular Service on the Verizon cellular network. A valid service contract is required prior to ordering. "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.

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



B942W
Touch screen



B920
Text w/
function keys



B930
Text w/
soft keys

SDI Keypads



D1260-B
ATM Keypad



D1255-B
Keypad

Communicators



**B443/B443-ATT/
B443-ROG/
B443-TMO**
Cellular (AT&T,
Rogers, T-Mobile)



B444/B444-C
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

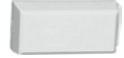
Point and Output Expansion



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



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-FPBEPPR-OC
ARD-FPBEPPP-OC**
Biometric



**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



ARD-AYCF64
Card reader with
keypad, EM



ARD-AYCE65B
Card reader, keypad
EM, vandal-resistant



ARD-AYZ12
Long range reader,
EM

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



**B443/B443-ATT/
B443-ROG/
B443-TMO**
Cellular (AT&T,
Rogers, T-Mobile)



B444/B444-C
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



D113
Battery
Lead
Supervision
Module



D126
12V, 7Ah
Standby
Battery



D1218
12V, 18Ah
Battery



D1224
12V,
26-28Ah
Battery



D1640
Trans-
former

*Country specific variants may apply

Conetrix 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



B600
Retrofit
(ZONEX)
Module



B299
SDI2 Popex
Expansion



DS7432
Eight-
Input



D8129
Octo-
Relay



D8128D
Octo-
Popit



DS7465i
Input-
Output



DS7461i
Single Zone
Input



DS7461i
Single Zone
Input



D9127U/T
Popit
Module



DS7457i
Single Zone
Mini-Mod

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

www.boschsecurity.com

© Bosch Security Systems, 2018

Modifications reserved

BINQG_G-SERIES_PANEL_v20180710