B8512G Control Panels

www.boschsecurity.com

BOSCH

Invented for life

▶ Fully integrated intrusion, fire, and access control allows users to interface with one system instead of three

▶ Provides up to 99 points using a combination of hardwired or wireless devices for installation flexibility, and up to 8 areas and 8 doors for up to 500 users

▶ On-board Ethernet port for Conettix IP alarm communication and remote programming, compatible with modern IP networks including IPv6/IPv4, Auto-IP, and Universal Plug and Play

▶ Installer-friendly features for simple installation and communications, including plug-in PSTN and cellular communication modules

▶ Remote Security Control app which allows users to control their security systems - and view system cameras - remotely from mobile devices such as phones and tablets

The B9512G Control Panel and the B8512G Control Panel are the new premier commercial control panels from Bosch. B8512G control panels integrate intrusion, fire, and access control providing one simple user interface for all systems.

With the ability to adapt to large and small applications, the B8512G provides up to 99 individually identified points that can be split into 8 areas.

The control panel can communicate through its built-in Ethernet port (not applicable to "E" control panels), or through compatible plug-in modules that can send events over the public switched telephone network (PSTN) or over cellular network communications.

For users, programmable keypad shortcuts, situation sensitive on-screen help, and a bilingual user interface make system operation simple and easy.

With the B8512G, you can:

- Monitor alarm points for intruder, gas, or fire alarms.
- Program all system functions local or remote using Remote Programming Software (RPS) or by using basic programming through the keypad.
- Add up to 8 doors of access control using the optional B901 Access Control Module or D9210C Access Control Interface Module.

The B8512G is a direct replacement for previous control panel models D7412GV4, D7412GV3, D7412GV2, and D7412G.

Functions

Programmable outputs
- Four alarm-output patterns
- Programmable bell test

Point response
- Selectable point response time
- Selectable EOL values and configuration

- Cross point capability
- Fire alarm verification
- Dangerous gas indicator includes carbon monoxide (NFPA 720)
- Watch mode
- Selectable point response time

User interface
- Supervision of up to 32 keypads
- Custom keypad text is fully programmable through RPS or the Installer Services Portal programming tool (available in Europe, Middle East, Africa, and China)
- Full function menu including customizable shortcuts
- Authority by area and 32 character name for each user
- 14 custom authority levels to restrict system features that each user can access
- Programmable primary and secondary language by user and keypad
- 12 available languages (any two can be concurrently used)

User interface languages
The following table shows the available languages per keypad type.

	B915/B915I	B920	B921C	B930	B942/B942W
English	✔	✔	✔	✔	✔
Chinese	✔				✔
Dutch	✔	✔	✔	✔	✔
French	✔	✔	✔	✔	✔
German	✔	✔	✔	✔	✔
Greek	✔				✔
Hungarian	✔	✔	✔	✔	✔
Italian	✔	✔	✔	✔	✔
Polish	✔				✔
Portuguese	✔	✔	✔	✔	✔
Spanish	✔	✔	✔	✔	✔
Swedish	✔	✔	✔	✔	✔

Area configurations
Link multiple areas to a shared area such as a lobby or common entryway. The shared area then automatically turns On (arms) when all associate areas are armed and turns Off (disarms) when any one associate area is disarmed. For higher security applications, the Area Re-Arm feature guarantees that areas are always rearmed, and are disarmed for no longer than a specific, configurable, amount of time (for example, service time).

Custom functions
For added convenience, the installer can program custom functions that allow customers to complete complex tasks with one simple action. For example, a custom function can bypass a group of points and arm the system, allowing the user to perform these functions with one easy command. Users can activate custom functions with a keypad, keyfob, token, or card, or the control panel can activate a function in reaction to a faulted point, or automatically through a scheduled event (SKED).

Passcode security
- Two-man rule. Requires two people with two unique passcodes to be present at the time of opening.
- Early ambush. Allows users to verify that the facility is safe by requiring two passcodes. The control panel sends a duress event if the user does not enter the passcode a second time after inspecting the premises.
- Dual authentication. Requires two forms of identification before processing certain system commands, including turning off the system and opening doors. A standard system user must have a passcode, a credential (token or card), and appropriate command authority permissions.

Door control
Using the B901 Access Control Module or D9210C Access Control Interface Module, the control panel provides a fully supervised access control solution. The solution offers 14 programmable levels of access authority. Authority for door access is controlled by the user level, the group of the user, the time of day, the door state, and the area armed (On/Off) state.

Easy exit control
The control panel changes from one On (armed) state to another without turning off (disarming) the system. For example, if you change the state from Part On (Perimeter Arm) to All On (Master Arm), the control panel complies and reports the change. Easy exit control reduces the number of keystrokes, simplifying system operation.

Programmable passcode-controlled menu list
Passcode-controlled shortcuts provide users only with the options and information pertinent to them, simplifying system operation.

Flexible control
The system provides the flexibility to choose added convenience or high security. For example, you can restrict to a keypad's immediate local area turning on (arming) and turning off (disarming) the system with a passcode, even if the user has access to other areas. This is particularly useful for high security areas, where a user may have access to the area, but would prefer to only turn off (disarm) the area individually rather than with the rest of the system.

Monitor Delay/Delayed Response

Create a special point profile that delays the reaction of a point for a specified time (up to 1 hour in minutes and seconds). This delay provides time for the specified condition to reset before activating any annunciation. The system can annunciate locally and send a report, if desired. When the system is armed, the point can respond like a normal point - providing dual functionality. Use this feature to ensure that perimeter doors have not been propped open, or to monitor critical areas such as computer rooms and safes, for example.

System users

The system supports up to 500 users. Each user can have a personalized passcode, a wireless keyfob, and an access credential to control the system. You can assign passcodes to one of 14 customized authority levels in each area that can be restricted to operate only during certain times. You can program a primary and secondary language for each user and by keypad (select from English, Chinese, French, Greek, Hungarian, Italian, Polish, Portuguese, and Spanish). The keypad changes to the user's programmed language when the user enters his passcode or holds the Help key.

Route groups and destinations

The control panel can send reports to four different route groups using one primary and up to three backup destinations for each route group.

Communication formats

The control panel sends reports in these formats:
- Modem4
- ANSI-SIA Contact ID

Reporting capabilities

The control panel has flexible communications for most central station receivers with reporting capabilities such as:
- Individual point numbers
- Opening or closing reports by user and area number
- Remote programming attempts
- Diagnostic reports

Destination test

It is possible to send test reports to each and all destinations within each route group.

IP communication

The control panel can use IP to communicate with a Conettix D6600 or a Conettix D6100IPv6 Communications Receiver/Gateway. Use one of the following for IP:
- The on-board Ethernet connection (not applicable to "E" control panels)
- Ethernet Communication Module: B426
- Plug-in cellular communicator: B442/B443/B444

Conettix IP communication provides a secure path that includes anti-replay/anti-substitution features, and enhanced security with up to AES 256-bit encryption (using Cipher Block Chaining (CBC)).

The control panel supports Domain Name System (DNS) for both remote programming and central station communication. DNS provides ease of use, eliminating the need to use static IP addresses as your reporting destination, and accommodates a simple solution for central station disaster recovery. The control panel supports both IPv6 and IPv4 networks.

Communication paths

The control panel accommodates up to four separate phone and four separate network paths to the central station receiver. When resetting alarms or turning a system on and off, the user is identified by name and number.

Personal notification

The control panel can send text messages and emails for personal notification over Ethernet or using a cellular communicator. You can configure up to 32 destinations using a combination of cellular phone numbers and email addresses. The control panel sends notifications in the user's programmed primary language.

Bosch Remote Connect (Cloud)

Remote Connect simplifies connections from RPS, and the Remote Security Control app, using Bosch Cloud services. This service creates a secure connection to the control panel without specific router settings or the need for a static IP address or DNS.

> **i** **Notice**
> The Bosch Remote Connect service is not available in Europe, the Middle East, or Africa.

Firmware updates

Remote firmware updates are available.

A wide variety of input options

Each point:
- Single 1 kΩ, single 2 kΩ, dual 1 kΩ (1 kΩ + 1 kΩ), and No EOL (end-of-line) (EOL) resistor options (for on-board and B208 inputs)
- Programmable for Fire, Intrusion, Access, Gas, and Supervisory devices
- Supports hardwired and wireless devices
- Supports IP cameras by Bosch as point and output devices

IP camera support

The control panel can integrate directly with Bosch IP cameras, using them as fully supervised points and outputs.

Integration of cameras allows the camera's video motion detection to activate points on the control panel. The control panel's virtual outputs can be configured to trigger camera actions, including sending video snapshots via email.

Security and fire detection
The control panel provides eight on-board points, and up to 91 additional off-board points (depending on model and expansion interfaces). You can program individual points to monitor some types of burglar alarms, fire alarms, and supervision devices.

Event log
The event log stores up to 2048 local and reported events. The event log includes time, date, event, area, point, and user. View the event log from a keypad or use RPS or the Installer Services Portal programming tool (available in Europe, Middle East, Africa, and China) to remotely retrieve event information. When the event log reaches a programmed threshold of stored events, it can send an optional report to a receiver.

Scheduled events (SKEDs)
The internal clock and calendar start individually scheduled events (SKEDs). SKEDs perform several functions such as turn on or off, relay control, or point bypassing.
The control panel offers:
- 40 scheduled events with up to 31 different functions
- 8 opening windows and 8 closing windows
- 8 user group windows
- Day-of-week, date-of-month, or holiday only schedules
- 4 holiday schedules of 366 days (leap year)

Dual bus and SDI keypad retrofits
The dual SDI2 device bus design provides greater installation flexibility, such as bus isolation for Intrusion and Fire. To use popular SDI keypads (for example D1255 and D1260), program one of the two SDI2 buses for SDI operation.

ZONEX and POPEX retrofits
To retrofit legacy Bosch control panels that use ZONEX and POPEX devices, the control panel is compatible with the B600 Retrofit (ZONEX) Module. The B600 adds two ZONEX buses to the control panel which can connect to existing legacy point bus (POPEX) devices (for example, the D8125).

Programming
Installers can perform limited programming on-site with a keypad (critical parameters; such as account IDs, central station and RPS IP addresses and phone numbers, reporting formats, and more). They can also do full programming on-site or remotely (attended or unattended) with RPS. A programmable system passcode prevents unauthorized remote programming. Full programming is also possible with the web-based Installer Services Portal programming tool. The Installer Services Portal programming tool is available for panel firmware version 3.06 or higher.

| **i** | **Notice** |

The Installer Services Portal programming tool is available in Europe, Middle East, Africa, and China.

The following table shows the available languages for RPS and Installer Services Portal programming tool.

	Installer Services Portal programming tool	RPS programming	RPS custom text*
English	✔	✔	✔
Chinese	✔		
Dutch	✔		✔
French	✔		✔
German	✔		✔
Greek	✔		
Hungarian	✔		✔
Italian	✔		✔
Polish	✔		
Portuguese	✔		✔
Spanish	✔		✔
Swedish	✔		✔

* RPS custom text is text, that can be entered in RPS and which will then be displayed on keypads and on the Remote Security Control app.

Diagnostics
Keypads, RPS and the Installer Services Portal programming tool (available in Europe, Middle East, Africa, and China) offer diagnostic help for monitoring and troubleshooting. The diagnostics features allow you to view the status of the wired and wireless devices. The features provide the status of the control panel and its connected devices, such as firmware version, power, and missing conditions. View the status of each area.

Remote Security Control app
The Remote Security Control app allows users to control their security systems remotely from their devices. Users can:
- Turn their security system On or Off
- Turn specific areas On or Off
- Control outputs for applications such as lighting control
- View live video from Bosch IP cameras
- Grant access remotely by unlocking and locking doors

The app requires the installing dealer to create a Remote Access Profile for users, and to install the profile on their devices.

Bosch Video Management System integration
With Bosch Video Management System (Bosch VMS) and an intrusion system, the VMS operator has a single user interface to monitor and control the intrusion

system combined with video surveillance. With Bosch VMS and a control panel, the operator can, for example:

- View videos triggered by intrusion events, including all relevant information such as areas, point, and user show in the display with the event.
- View areas, points, outputs, and doors - with their statuses - on the Bosch VMS map, providing the exact location in the system.
- Turn on (arm) and turn off (disarm) areas.
- Bypass and unbypass points.
- Lock and unlock doors (Bosch VMS 6.0 and higher).

Requirements to integrate Bosch VMS with a control panel:

- A licensed Bosch VMS system using Professional Editions v5.5 or higher or Bosch VMS Enterprise Edition v5.5 or higher.
- Expansion license to integrate the intrusion control panel. One license needed per control panel. Order number MBX-XINT-xx for the expansion license added to a Bosch VMS base license. Refer to the Bosch Video Management Software product page on the Bosch website, www.boschsecurity.com.
- Access to the control panel account and Remote Programming Software (RPS) and the Installer Services Portal programming tool (available in Europe, Middle East, Africa, and China).

Certifications and approvals

Region	Regulatory compliance/quality marks	
USA	ANSI-SIA	CP-01-2010-Control Panel Standard - Features for False Alarm Reduction
Australia	RCM	[B9512G]
	RCM	[B8512G]
	RCM	ACMA
Europe	CE	EMC, LVD, RoHS [B9512G, B9512G-E, B8512G, B8512G-E]
USA	UL	[B9512G, B9512G-E, B8512G, B8512G-E, B299, B600, B901, B925F, B926F]
	UL	UL 294 - Standard for Access Control Units and Systems
	UL	UL 365 - Police Station Connected Burglar Alarm Units
	UL	UL 609 - Standard for Local Burglar Alarm Units and Systems
	UL	UL 636 - Holdup Alarm Units and Systems
	UL	UL 864 - Standard for Control Units and Accessories for Fire Alarm Systems
	UL	UL 985 - Household Fire Warning System Units
	UL	UL 1023 - Household Burglar Alarm System Units
	UL	UL 1076 - Proprietary Burglar Alarm Units and Systems

Region	Regulatory compliance/quality marks	
	UL	UL 1610 - Central Station Burglar Alarm Units
	UL	UL 1635 - Standard for Digital Alarm Communicator System Units
	FM	Central Station
	FM	Local Protective Signaling
	FM	Remote Station
	CSFM	see www.boschsecurity.com (the Bosch website)
	FCC	Part 15 Class B
	FDNY-CoA	Fire Department of New York City [B9512G, B9512G-E, B8512G, B8512G-E]
Canada	ULC	[B9512G, B9512G-E, B8512G, B8512G-E, B299, B600, B901, B925F, B926F]
	ULC	CAN/ULC S303 - Local Burglar Alarm Units and Systems
	ULC	CAN/ULC S304 - Standard for Signal Receiving Center and Premise Burglar Alarm
	ULC	CAN/ULC S545 - Residential Fire Warning System Control Units
	ULC	CAN/ULC S559 - Fire Signal Receiving Centres and Systems
	ULC	ULC-ORD C1023 - Household Burglar Alarm System Units
	ULC	ULC-ORD C1076 - Proprietary Burglar Alarm Units and Systems
	IC	ICES-003 - Information Technology Equipment (ITE)
Brazil	ANATEL	04450-16-01855 [B9512G, B8512G when used with B430 or B442]

Installation/configuration notes

| i | **Notice**
Not all products and features are available in all regions. Consult your local Bosch representative for availability details.

Compatible products

Keypads

B942/B942W Touch Screen Keypad (SDI2)

B930 ATM Style Alphanumeric Keypad (SDI2)

B926F Fire Keypad (SDI2)

B925F Fire Keypad (SDI2)

B921C Two-line Capacitive Keypad (SDI2)

B920 Two-line Alphanumeric Keypad (SDI2)

B915/B915I Basic Keypad (SDI2)

D1255 Series Keypads

D1260 Series Keypads

D1256RB Fire Keypad

D1257RB Remote Fire Alarm Annunciator

Power

D1640 16.5 VAC 40 VA Transformer

DE-45-18 Transformer

D126 Standby Battery (12 V, 7 Ah)

D1218 Battery (12 V, 18 Ah)

D122 Dual Battery Harness

D122L Dual Battery Harness with Long Leads

Enclosures

B8103 Universal Enclosure (White)

D8103 Universal Enclosure (Gray)

D8108A Attack Resistant Enclosure

D8108A-CE Attack Resistant Enclosure with Built-in Transformer

D8109 Fire Enclosure

Accessories

B56 Keypad Surface Mount Box

B96 Keypad Trim Bezel

B99 USB Direct Connect Cable

B501-10 Interconnect wiring cables (pack of 10)

D161 Dual Modular Telephone Cord (7 f)

D162 Modular Telephone Cord (2 ft)

D166 Telephone Jack (RJ31X)

Detectors

D7050 Series Addressable Photoelectric Smoke and Smoke Heat Detector Heads

F220-B6PM/S 12/24 VDC Addressable Detector Bases with POPITs

F220-B6 12/24 VDC Two-wire Base

F220-B6R Standard 12/24 VDC Four-wire Base)

F220-P Photoelectric Smoke Detector

F220-PTH Photoelectric Smoke Detector with +135°F (+57°C) Heat Sensor

F220-PTH Photoelectric Smoke Detector with +135°F (+57°C) Heat Sensor and Carbon Monoxide Sensors

F220-B6C 12/24 VDC Four-wire Base with Auxiliary Form C Relay

FCC-380 Carbon Monoxide Detector

FCH-T320 Heat Detector

FCP-OT320 Multisensor Detector Optical/Thermal

FCP-O320 Optical Smoke Detector

MX775i Addressable PIR Detector

MX794i Long Range Multiplex PIR Detector

MX934i Addressable PIR Detector

MX938i Addressable PIR Detector

ZX776Z PIR Detector

ZX794Z Long Range PIR Detector

ZX835 TriTech Microwave/PIR Detector

ZX935Z PIR Detector

ZX938Z PIR Detector

ZX970 PIR/Microwave Detector

Bosch conventional detectors, including Professional Series, Blue Line Gen2, Blue Line, Classic Line, Commercial Line, and Ceiling Mount motion detectors, as well as glass break, seismic, request-to-exit, photoelectric, heat, and smoke detectors.

Modules

B208 Octo-input Module

B299 POPEX Module

B308 Octo-output Module

B426 Conettix Ethernet Communication Module

B430 Plug-in Telephone Communicator

B442 Conettix Plug-in Cellular Communicator (using GPRS)

B443 Conettix Plug-in Cellular Communicator (using HSPA+)

B444 Conettix Plug-in Cellular Communicator

B450 Conettix Plug-in Communicator Interface

B520 Auxiliary Power Supply Module

B600 Retrofit (ZONEX) Module

B810 wireless receiver (RADION)

B820 SDI2 Inovonics Interface Module

B901 Access Control Module

D113 Battery Lead Supervision Module

D125B Dual Class B Initiating Module

D126 Standby Battery (12 V, 7 Ah)

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

D1218 Battery (12 V, 18 Ah)

D8125 Addressable Expansion Module

D8125MUX Multiplex Bus Interface

D8128D OctoPOPIT Eight-point Expander

D8129 Octo-relay Module

D8130 Door Release Module

D9127U/T POPIT Module

DS7461i Single-zone Input Module

DS7465i Input-output Module

D9210C Access Control Interface Module

ICP-EZTS Cover and Wall Tamper Switch

ICP-SDI-9114 SDI Splitter

Applications

Remote Programming Software (RPS or RPS-LITE) v6.03 and higher

Installer Services Portal programming tool

Bosch Video Management System v5.5 and higher

Remote Security Control

Conettix receivers
(Managed and configured with Conettix D6200 Programming/
Administration Software v2.10)

Conettix D6600 Communications Receiver/Gateway (with only D6641
line cards installed) with CPU version 01.10.00

Conettix D6100IPv6 Communications Receiver/Gateway with CPU
version 61.10.00

Conettix D6100i Communications Receiver/Gateway with CPU version
61.10.00

RADION wireless from Bosch

B810 wireless receiver (RADION)

RFBT-A/RFBT bill trap

RFDL-11-A/RFDL-11 TriTech motion detector

RFDW-RM-A/RFDW-RM recessed mount door/window contact

RFDW-SM-A/RFDW-SM surface mount door/window contact

RFGB-A/RFGB glass break detector

RFKF-A/RFKF two-button keyfob

RFKF-FBS-A/RFKF-FBS four-button keyfob

RFKF-TBS-A/RFKF-TBS two-button keyfob

RFPB-SB-A/ RFPB-SB single-button panic

RFPB-TB-A/RFPB-TB two-button panic

RFRP-A/RFRP repeater

RFSM-A/RFSM smoke detector

RFPR-12-A/RFPR-12 PIR motion detector

RFPR-C12-A/RFPR-C12 PIR curtain motion detector

RFUN-A/RFUN universal transmitter

Inovonics Wireless

B820 SDI2 Inovonics Interface Module

ENKIT-SDI2 SDI2 Inovonics Interface and Receiver Kit. Includes B820
and EN4200

EN1210 Universal Transmitter (Single-input)

EN1210EOL Universal Transmitter with EOL Resistor

EN1210W Door-Window Transmitter with Reed Switch

EN1215EOL Universal Transmitter with Wall Tamper, Reed Switch, and
EOL Resistor

EN1223D Water-resistant Pendant Transmitter (Double-button)

EN1223S Water-resistant Pendant Transmitter (Single-button)

EN1224-ON Multiple-Condition Pendant Transmitter

EN1233D Necklace Pendant Transmitter (Double-button)

EN1233S Necklace Pendant Transmitter (Single-button)

EN1235D Beltclip Pendant Transmitter (Double-button)

EN1235DF Fixed-location Transmitter (Double-button)

EN1235S Beltclip Pendant Transmitter (Single-button)

EN1235SF Fixed-location Transmitter (Single-button)

EN1247 Glass-break Detector Transmitter

EN1249 Bill Trap Transmitter

EN1242 Smoke Detector Transmitter

EN1260 Wall Mount Motion Detector

EN1261HT High Traffic Motion Detector

EN1262 Motion Detector with Pet Immunity

EN1265 360° Ceiling Mount Motion Detector

EN4200 Serial Receiver

EN5040-T High Power Repeater with Transformer

Technical specifications

Properties

Dimensions	10.625 in x 7.75in x 1.875 in (26.99 x 19.69 x 4.76 cm)
Weight	1.95 lbs (0.88 kg)

Communications

Ethernet	10/100 full duplex (N/A for "E" control panels)

Environmental considerations

Relative humidity	5% to 93% at +32°C (+90°F)
Temperature (operating)	0°C to +49°C (+32°F to +120°F)

Power requirements

Current (maximum)	Standby: 180 mA Alarm: 260 mA
Output (alarm)	2 A at 12 VDC
Output (auxiliary, continuous power, and switched auxiliary combined)	1.4 A at 12 VDC nominal
Voltage (operating)	12 VDC nominal
Voltage (AC)	16.5 - 18 VAC

Wiring

Terminal wire size	12 AWG to 22 AWG (2.0 mm to 0.65 mm)
SDI2 wiring	Maximum distance – Wire size (unshielded wire only): 7,500 ft (2,286 m) - 22 AWG (0.65 mm)

Number of...

Areas	8
Custom functions	8
Events	Up to 2048
Passcode users	500, plus 1 installer passcode
Points	99 (8 on-board, up to 91 off-board and virtual)
Programmable outputs	99 (3 on-board, up to 96 off-board and virtual)
RF points	91
IP cameras	8
SKEDs	40

Ordering information

B8512G IP control panel, 8 areas, 99 points
Supports up to 99 points, 3 on-board outputs, and 8 areas for intrusion, commercial fire. On-board Ethernet.
Order number **B8512G**

B8512G-E Control panel, 8 areas, 99 points, no IP
The B8512G-E is available only in kits.
Order number **B8512G-E**

Accessories

B520 Auxiliary power supply module, 2A 12V
Provides auxiliary power to 12 VDC devices or to SDI2 modules.
Order number **B520**

B208 SDI2 8-Input Expansion Module
Provides 8 programmable inputs.
Order number **B208**

B308 SDI2 8-Output Expansion Module
Provides 8 programmable relays.
Order number **B308**

B901 Door Controller
Fully supervised, addressable SDI2/SDI bus device that allows access control integration for Bosch G and B Series Control Panels.
Order number **B901**

B810 Wireless SDI2 bus interface
Receives RF signals from RADION transmitters, repeaters, and glassbreaks. Operates at 433.42 MHz. For use with compatible SDI2 bus control panels.
Order number **B810**

D122 Dual battery harness, 17" 18AWG
Harness with circuit breaker. Connects two batteries (in parallel) to a compatible control panel.
Order number **D122**

D122L Dual battery harness, 35'', 12V
Harness with circuit breaker and leads measuring 35 in. (89 cm). Connects two batteries (in parallel) to a compatible control panel in a separate enclosure.
Order number **D122L**

D126 Battery, 12V 7Ah
A rechargeable sealed lead-acid power supply used as a secondary power supply or in auxiliary or ancillary functions.
Order number **D126**

D1218 Battery, 12V 18Ah
The D1218 is a 12 V 18 Ah sealed lead-acid battery with two bolt-fastened terminals. It is used for standby and auxiliary power. It connects to a compatible control panel using a D122 or D122L Dual battery harness.
Order number **D1218**

D137 Accessory mounting bracket for enclosure
Used to mount accessory modules in B8103, D8108A, and D8109 enclosures.
Order number **D137**

D1640 Transformer plug-in, 16V 40VA
System transformer rated at 16.5 VAC, 40 VA.
Order number **D1640**

D1640-CA Transformer, plug-in, 16V 40VA, Canada
For use in Canada. System transformer rated at 16.5 VAC, 40 VA.
Order number **D1640-CA**

D9002-5 Mounting plate, 6 location 3-hole, 5 pcs
5 pack of mounting skirts for B8103, D8103, D8108A, and D8109 enclosures. Each skirt can hold up to six standard 3-hole mounting modules.
Order number **D9002-5**

D101 Enclosure lock and key set
Short-body lock set with one key supplied. Uses the D102 (#1358) replacement key.
Order number **D101**

D110 Tamper switch for enclosure, 2pcs
Screw-on tamper switch that fits all enclosures. Shipped in packages of two.
Order number **D110**

ICP-EZTS Dual tamper switch
Combination tamper switch with a wire loop for additional tamper outputs.
Order number **ICP-EZTS**

B8103 Universal enclosure, white
White steel enclosure measuring 41 cm x 41 cm x 9 cm (16 in. x 16 in. x 3.5 in.).
Order number **B8103**

D8108A Attack resistant enclosure, large, grey
Grey steel enclosure measuring 41.5 cm x 41.5 cm x 9 cm (16 in. x 16 in. x 3.5 in.).
UL Listed. Includes a lock and key set.
Order number **D8108A**

D8109 Fire enclosure, 16x16x3.5", red
Red enclosure, 16in. x 16in. x 3.5in. (41cm x 41cm x 9cm), 16 gauge (1.5mm) cold-rolled steel, full-length hinge, D101F lock and 2 D102F keys, UL Listed for commercial fire/burglary applications.
Order number **D8109**

D8004 Transformer enclosure kit, grey
For applications that might require a remote transformer in an enclosure. Can be used with B Series control panels and D9412GV4/D7412GV4 control panels.
Order number **D8004**

BATB-40 Battery box/enclosure, 22x20.75x7.25"
22 x 20.75 x 7.25" (56 x 53 x 18.5 cm). Holds two dry or wet cell batteries. Optional BATB-SHELF battery shelf increases number of batteries. Suitable for residential/commercial fire or burglary applications.
Order number **BATB-40**

BATB-80 Battery box/enclosure, 14x20.75x7.25"
14 x 20.75 x 7.25" (36 x 53 x 18.5 cm). Battery box/
enclosure with shelf holds up to four dry or wet cell
batteries. Suitable for residential/commercial fire or
burglary applications.
Order number **BATB-80**

B99 USB direct connect cable
Male A to Male A USB cable for local programming of
control panels with on-board USB ports.
Order number **B99**

B915 Basic Keypad
Two-line alphanumeric basic keypad with language
function keys.
Available languages: English, Chinese, Dutch, French,
German, Greek, Italian, Hungarian, Polish, Portuguese,
Spanish, Swedish.
Order number **B915**

B915I LCD keypad, icon keys, SDI2
Two-line alphanumeric basic keypad with icon function
keys.
Available languages: English, Chinese, Dutch, French,
German, Greek, Italian, Hungarian, Polish, Portuguese,
Spanish, Swedish.
Order number **B915I**

B920 2 Line Alpha Numeric Keypad (SDI2)
Two-line alphanumeric keypad
Available languages: English, Dutch, French, German,
Hungarian, Italian, Portuguese, Spanish, Swedish.
Order number **B920**

B921C Two-line Keypad w/Touch keys, Inputs
Two-line alphanumeric keypad with inputs and
capacitive touch keys in black.
Available languages: English, Dutch, French, German,
Hungarian, Italian, Portuguese, Spanish, Swedish.
Order number **B921C**

B930 ATM Style-Alpha Numeric Keypad (SD12)
Five-line ATM style alphanumeric keypad
Available languages: English, Dutch, French, German,
Hungarian, Italian, Portuguese, Spanish, Swedish.
Order number **B930**

B942 Touch Screen KP Prox/Input/Output, black
Black SDI2 touch screen keypad with inputs and one
output.

Available languages: English, Chinese, Dutch, French,
German, Greek, Italian, Hungarian, Polish, Portuguese,
Spanish, Swedish.
Order number **B942**

B942W Touch screen KP, prox/input/output,white
White SDI2 touch screen keypad with inputs and one
output.
Available languages: English, Chinese, Dutch, French,
German, Greek, Italian, Hungarian, Polish, Portuguese,
Spanish, Swedish.
Order number **B942W**

B925F Fire and intrusion keypad, SDI2
Two-line alphanumeric fire and intrusion keypad.
Order number **B925F**

B926F Fire keypad, SDI2
Two-line alphanumeric fire keypad
Order number **B926F**

B426 Ethernet Communication Module
Supports two-way communications over Ethernet
networks for compatible control panels
Order number **B426**

B442 Plug-in cellular module, GPRS
Multi-function cellular communicator that provides IP
communication over a (GPRS) cellular network
Order number **B442**

B443 Plug-in Cellular, HSPA+ (3G+)
Multi-function 3G/4G cellular communicator providing
IP communication over a GPRS/EDGE/UMTS/HSPA+
cellular network
Order number **B443**

B444 Plug-in cellular module, VZW LTE, hot
Pre-activated 4G LTE cellular communicator for secure
two-way IP communication on the Verizon Wireless
LTE network.
Order number **B444**

B444-C Plug-in cell module, VZW LTE, cold
Non-activated 4G LTE cellular communicator for
secure two-way IP communication on the Verizon
Wireless LTE network.
Order number **B444-C**

Software Options

D5500C-USB Kit with DVD and USB security dongle
Remote Programming Software (RPS) with USB
security key (dongle).
Order number **D5500C-USB**