BOSCH
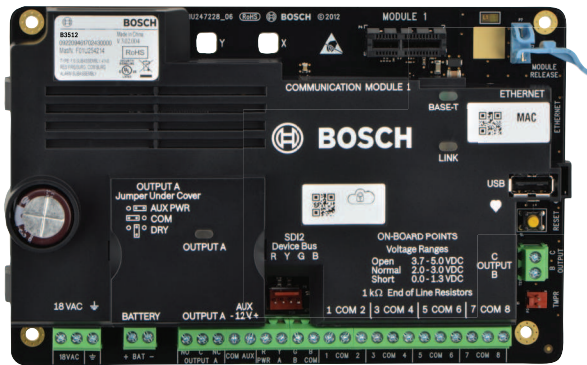
B3512 IP control panel, 16 points
B Series

▶ Provides up to 16 points using 8 on-board and 8 wireless points for installation flexibility with perimeter and interior control. Supports keypad points.

▶ 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

▶ Programmable keypad shortcuts, situation sensitive on-screen help, and a bilingual user interface make system operation simple and easy

The B3512 Control Panel integrates intrusion and residential fire, providing one simple user interface for both systems. The B3512 provides up to 16 individually identified points in a single area.
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.
With the B3512, you can monitor doors, windows, and motion within areas like showrooms or those that hold inventory. Each user can have a personalized passcode, a wireless keyfob, and an access credential to control the system.
Use programmable authority levels with restricted privileges to provide service, security, and cleaning personnel with full or limited access. Use the three programmable outputs to turn on lights or lock and unlock doors. Users can:

• Turn on the system to secure the stock room while you conduct daily business.

• Perform tests to ensure your system is working properly.
• Set your system to alarm immediately if a door opens.
• Activate the Watch feature so a tone sounds whenever a customer enters.
• Set a schedule for your system to automatically turn on at closing time.
• Use wireless security options to customize your system.

Central monitoring stations provide 24-hour system monitoring with access to vital services. Professional security personnel can test the system, monitor system activity, and alert the police, fire department, or other emergency response teams if necessary.

Functions

Programmable outputs

• Three programmable on-board outputs; one high current using a relay, and two trigger outputs

- Output A, with a contact rating of 3 Amps, can supply up to 1.0 A total current from AUX PWR
- Outputs B and C sink up to 50 mA at 12 VDC
- Four alarm-output patterns
- Programmable bell test

Output Profiles
Output Profiles support custom programming and provide a way for outputs to operate based on unique application requirements.
Once an Output Profile is created, it can be reused and assigned to multiple outputs enabling quick output programming.
You can create Output Profiles that define how an output operates when specific events occur. Output Profiles provide a way to assign and use consistent output effects throughout the system.

System response
- High-performance micro-controller provides industry leading system response
- 20 custom point profiles
- Selectable point response time
- Cross point capability
- Fire alarm verification
- Dangerous gas indicator includes carbon monoxide (NFPA 720)
- Watch mode
- A scheduled event (SKED) to perform several functions, such as turn on (arm) the system, turn off (disarm) the system, bypass and unbypass points, and control relays

User interface
- Supervision of up to 4 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 custom functions
- Authority by area and 32 character name for each user
- 14 custom authority levels control user's authority to change, add, or delete passcodes to disarm or bypass areas; and to start system tests
- 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/ B925F/ B926F / B926M	B921C	B930	B940W/ B942/ B942W
English	✔	✔	✔	✔	✔

	B915/ B915I	B920/ B925F/ B926F / B926M	B921C	B930	B940W/ B942/ B942W
Chinese	✔				✔
Dutch	✔	✔	✔	✔	✔
French	✔	✔	✔	✔	✔
German	✔	✔	✔	✔	✔
Greek	✔				✔
Hungarian	✔	✔	✔	✔	✔
Italian	✔	✔	✔	✔	✔
Polish	✔				✔
Portuguese	✔	✔	✔	✔	✔
Spanish	✔	✔	✔	✔	✔
Swedish	✔	✔	✔	✔	✔

Area Re-Arm
For higher security applications, this 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 one custom function. A custom function allows customers to complete complex tasks with fewer keystrokes. For example, a custom function can bypass a group of points and arm the system, allowing the user to perform this function with one easy command. Installers can use custom functions to control a particular room. Customers activate a custom function with a keypad, with a keyfob, by faulting a point, or automatically as 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.

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.

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 10 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 that can be restricted to operate only during certain times. Programmable primary and secondary language by user and keypad; select from English, Chinese, French, Greek, Hungarian, Italian, Polish, Portuguese, and Spanish.

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

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.

Communication formats
The control panel sends reports in these formats:
- Contact ID (PSTN)
- Modem4 (PSTN)
- Conettix Modem4
- Conettix ANSI-SIA Contact ID
- ANSI-SIA DC-09

ⓘ **Notice**
UL and ULC LISTED applications
ANSI-SIA DC-09 format is not available for UL and ULC LISTED applications.

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
- Ethernet Communication Module: B426
- Plug-in cellular communicator: B442/B443/B444-A/ B444-V

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 16 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.

ⓘ **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:
- Accommodates normally-open (NO) and normally-closed (NC) devices with end-of-line (EOL) resistor supervision.

- Accepts programming for fire, gas, fire supervisory, or intrusion applications.
- Supports hardwired and wireless devices.

Security and fire detection
The control panel provides 8 on-board points, and up to 8 additional wireless points. You can program individual points to monitor burglar alarms, fire alarms, and supervision devices.

Event log
The event log stores local and reported events. The event log includes information such as 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.
The log stores up to 127 local and reported events.

Scheduled events (SKEDs)
The internal clock and calendar start a scheduled event (SKED). A SKED performs functions such as turn on or off, relay control, or point bypassing.
The control panel offers:
- One scheduled event with up to 25 different functions
- Two opening windows and two closing windows
- Two user group windows
- Day-of-week, date-of-month, or holiday only schedules
- One holiday schedule of 366 days (leap year)

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.

ⓘ **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 mobile 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
- 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.

3rd Party Integrations

The control panel provides options for integration with software applications and solutions. Depending on the application, options include a Bosch SDK, RPS-API, Bosch proprietary MODE 2 or OPC interface. The OPC interface enables key DA (Data Access) and AE (Alarms & Events) to integrate with the Bosch BIS solution or 3rd party OPC Classic systems.

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.

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 Remote Programming Software (RPS) and the Installer Services Portal programming tool (available in Europe, Middle East, Africa, and China).

3rd Party Integrations

The control panel provides options for integration with software applications and solutions. Depending on the application, options include a Bosch SDK, RPS-API, Bosch proprietary MODE 2 or OPC interface. The OPC interface enables key DA (Data Access) and AE (Alarms & Events) to integrate with the Bosch BIS solution or 3rd party OPC Classic systems.

Certifications and approvals

Region	Regulatory compliance/quality marks	
USA	ANSI-SIA	CP-01-2010-Control Panel Standard - Features for False Alarm Reduction
Australia	RCM	ACMA
Europe	CE	EMC, LVD, RoHS [B6512, B5512, B5512E, B4512, B4512E, B3512, B3512E]

Region	Regulatory compliance/quality marks	
USA	UL	Underwriters Laboratories
	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 985 - Household Fire Warning System Units (6th edition; not for -E version)
	UL	UL 1023 - Household Burglar Alarm System Units
	UL	UL 1076 - Proprietary Burglar Alarm Units and Systems
	UL	UL 1610 - Central Station Burglar Alarm Units
	UL	UL 1635 - Standard for Digital Alarm Communicator System Units
	CSFM	California State Fire Marshal
	FCC	Part 15 Class B
Canada	ULC	Underwriters Laboratories of Canada S1871-20121210
	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	04712-16-01855

Installation/configuration notes

ⓘ Notice

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

Keypads

B940W Touch screen KP, White (SDI2)

B942/B942W Touch Screen Keypad (SDI2)

B930 ATM Style Alphanumeric Keypad (SDI2)

B921C Two-line Capacitive Keypad (SDI2)

B920 Two-line Alphanumeric Keypad (SDI2)

B915/B915I Basic Keypad (SDI2)

Power

CX4010 Plug-in Transformer (18 VAC 22 VA 60 Hz)

ICP-TR1822-CAN Plug-in Transformer (110 VAC primary, 18 VAC 22 VA secondary)

DE-45-18 Transformer

D126 Standby Battery (12 V, 7 Ah)

D1218 Battery (12 V, 18 Ah)

D122 Dual Battery Harness

D122 Dual Battery Harness with long leads

Enclosures

B10 Medium Control Panel Enclosure

B11 Small Control Panel Enclosure

B12 Mounting Plate for D8103 Enclosure

B8103 Universal Enclosure (requires a B12)

D8108A Attack Resistant Enclosure (requires a B12)

D8109 Fire Enclosure (requires a B12)

D8108A-CE Attack Resistant Enclosure with Built-in Transformer (requires a B12)

B-ENCL-1 Metal Enclosure Kit (includes B12 and transformer)

Accessories

B56 Keypad Surface Mount Box

B96 Keypad Trim Bezel

B99 USB Direct Connect Cable

B501-10 Interconnect wiring cables (pack of 10)

Detectors

FCC-380 Carbon Monoxide Detector

F220-P: Photoelectric Smoke Detector

F-220-PTH: Photoelectric/Heat Detector

FCP-OT320 Multisensor Detector Optical/Thermal

FCP-O320 Optical Smoke Detector

FCH-T320 Heat 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

B201 2-wire Powered Loop Module

B426 Conettix Ethernet Communication Module

B430 Plug-in Communicator, Telephone

B442 Conettix Plug-in Cellular Communicator (using GPRS)

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

B444 Conettix Plug-in Cellular Communicator

B444-A Plug-in cell module, AT&T LTE

B444-V Plug-in cell module, Verizon LTE

B450 Conettix Plug-in Communicator Interface

B520 Auxiliary Power Supply Module

B810 wireless receiver (RADION)

B820 SDI2 Inovonics Interface Module

D113 Battery Lead Supervision Module

D125B Dual Class B Initiating Module

D129 Class A Initiating Module

D130 Auxiliary Relay Module

D132A Smoke Detector Reversing Relay Module

D134 Dual Relay Module

D135A Low Battery Disconnect Module

D185 Reverse Polarity Signaling Module

D192G Class "B", Style Y Bell Circuit Supervision

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 v2.00)

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

RFHT-A Wireless heat detector

RFSM2-A Wireless smoke detector

RFCO-A Wireless CO 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

Parts included

Quantity	Component
1	Control panel
1	Literature pack: • UL Installation Guide • ULC Installation Guide (English and French) • Owner's Manual • Release Notes • SIA Quick Reference Guide Quick Installation Guide
1	Literature CD containing product literature
1	Wiring label for enclosure door
1	Hardware pack: • Mounting clips • 1 kΩ EOL resistors • Battery wires • Four #6 x 3/4 in self threading screws

Technical specifications

Communications

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

Environmental considerations

Relative humidity	5% to 93% at +90°F (+32°C), non-condensing
Temperature (operating)	+32°F to +122°F (0°C to +49°C)

Power requirements

Current draw (maximum)	Idle 125 mA; alarm 155 mA
Output (alarm)	1.3 A at 12 VDC
Output (auxiliary, continuous power, and switched auxiliary combined):	800 mA at 12 VDC nominal

Voltage (operating):	12 VDC nominal
Voltage (AC):	16.5 - 18 VAC

Number of...

Areas	1
Custom functions	1
Events	512
Passcode users	10, plus 1 installer passcode
Points	16 (8 on-board, up to 8 wireless)
Programmable outputs	3 on-board
RF points	8
SKEDs	1

Ordering information

B3512 IP control panel, 16 points
Supports up to 16 points, 3 on-board outputs, and 1 area for intrusion, residential fire. On-board Ethernet.
Order number   Asset Key   Vepos
B3512 | F.01U.390.779
F.01U.323.783

EWE-CMDCTR-IW 12 mths wrty ext Command Center
12 months warranty extension
Order number   Asset Key   Vepos
EWE-CMDCTR-IW | F.01U.352.285

EWE-DIACOM-IW 12 mths wrty ext Dialler and Communicat.
12 months warranty extension
Order number   Asset Key   Vepos
EWE-DIACOM-IW | F.01U.352.316

EWE-EXMOD-IW 12 mths wrty ext Extension module
12 months warranty extension
Order number   Asset Key   Vepos
EWE-EXMOD-IW | F.01U.352.312

EWE-PSUP2A-IW 12 mths wrty ext Power Supply 2.0 A
12 months warranty extension
Order number   Asset Key   Vepos
EWE-PSUP2A-IW | F.01U.352.294

EWE-RFREC-IW 12 mths wrty ext RF Receiver / Repeater
12 months warranty extension
Order number   Asset Key   Vepos
EWE-RFREC-IW | F.01U.352.311

Accessories
B520 Auxiliary power supply module, 2A 12V
Provides auxiliary power to 12 VDC devices or to SDI2 modules.
Order number   Asset Key   Vepos
B520 | F.01U.172.941

B10 Steel enclosure, medium, white
White, steel enclosure. Accepts an optional lock and tamper switch. Measures 35.6 cm x 31.8 cm x 7.6 cm (14 in x 12.5 in x 3 in).
Order number
B10 | F.01U.268.495   Asset Key   Vepos

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 | F.01U.300.149   Asset Key   Vepos

D2203 ENCLOSURE, D2212
Gray steel enclosure. Accepts an optional lock and tamper switch. Measures 35.6 cm x 31.8 cm x 7.6 cm (14 in x 12.5 in x 3 in).
Order number
D2203 | 4.998.140.296   Asset Key   Vepos

D8103 Steel enclosure, large, grey
Grey steel enclosure measuring 41 cm x 41 cm x 9 cm (16 in. x 16 in. x 3.5 in.).
Order number
D8103 | 4.998.800.201   Asset Key   Vepos

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 | 4.998.125.920   Asset Key   Vepos

AE1 Steel enclosure, medium, grey
Standard gray enclosure with keyed lock. Measures 35.6 cm x 31.8 cm x 7.6 cm (14 in x 12.5 in x 3 in).
Order number
AE1 | 4.998.800.323   Asset Key   Vepos

AE2 Fire enclosure, 14x12.5x3", red
Standard red enclosure with keyed lock. Measures 14 in. x 12.5 in. x 3 in. (35.6 cm x 31.8 cm x 7.6 cm).
Order number
AE2 | F.01U.001.128   Asset Key   Vepos

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 | 4.998.140.404   Asset Key   Vepos

B12 Mounting plate for D8103 enclosure
Required for mounting select control panels and other devices in B8103, D8103, D8108A, D8109, and BATB Battery Box enclosures.
Order number
B12 | F.01U.260.846   Asset Key   Vepos

TR1850 Transformer plug-in, 18V 50VA
For use in North America. Plug-in transformer with input: 120 VAC, 60 Hz, 0.50 A; output 18 VAC, 50 VA output.
Order number
TR1850 | 4.998.126.576   Asset Key   Vepos

TR1850-CA Transformer, plug-in, 18V 50VA, Canada
For use in Canada. Plug-in transformer IP with input: 120 VAC, 60 Hz, 0.50 A; output 18 VAC, 50 VA output.
Order number
TR1850-CA | F.01U.280.484   Asset Key   Vepos

D101 Enclosure lock and key set
Short-body lock set with one key supplied. Uses the D102 (#1358) replacement key.
Order number
D101 | 4.998.800.200   Asset Key   Vepos

ICP-EZTS Dual tamper switch
Combination tamper switch with a wire loop for additional tamper outputs.
Order number
ICP-EZTS | F.01U.217.038   Asset Key   Vepos
F.01U.003.526

BATB-40 Battery box/enclosure, 22x21x7.25"
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 | 4.998.137.930   Asset Key   Vepos

B520-B Auxiliary power supply kit w/B10, SDI2
B520 Auxiliary Power Supply Module kit. Includes a TR1850 transformer, and a B10 Medium Control Panel Enclosure.
Order number
B520-B | F.01U.283.088   Asset Key   Vepos

B520-C Auxiliary power supply kit w/D8103, SDI2
B520 Auxiliary Power Supply Module kit. Includes a TR1850 transformer, a B12 mounting plate, and a B8103 Universal Enclosure.
Order number
B520-C | F.01U.283.089   Asset Key   Vepos

B201 2-Wire Powered Loop
The module provides a single powered initiating device circuit. The module supports compatible 12 V 2-wire smoke detectors. It also supports connecting burglary devices to the control panel.
Order number
B201 | F.01U.323.798   Asset Key   Vepos

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 | F.01U.323.799 F.01U.383.394   Asset Key   Vepos

D122 Dual battery harness
Harness with circuit breaker. Connects two batteries (in parallel) to a compatible control panel.
Order number
D122 | 4.998.800.378   Asset Key   Vepos

D122L Dual battery harness, long
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 | 4.998.140.606   Asset Key   Vepos

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 | 4.998.125.825   Asset Key   Vepos
                                   4011   **6845**

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   Asset Key   Vepos
D1218 | 4.998.125.820

D122 Dual battery harness
Harness with circuit breaker. Connects two batteries (in parallel) to a compatible control panel.
Order number   Asset Key   Vepos
D122 | 4.998.800.378

D122L Dual battery harness, long
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   Asset Key   Vepos
D122L | 4.998.140.606

CX4010 Transformer, plug-in, 18V 22VA
For use in North America. 110 VAC primary voltage input. 18 VAC, 22 VA secondary input.
Order number   Asset Key   Vepos
CX4010 | F.01U.020.504

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   Asset Key   Vepos
D8004 | 4.998.140.404

ICP-TR1822-CAN Transformer, plug-in, 18V 22VA, Canada
For use in Canada. 110 VAC primary voltage input. 18 VAC, 22 VA secondary input.
Order number   Asset Key   Vepos
ICP-TR1822-CAN | F.01U.005.574

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   Asset Key   Vepos
D8004 | 4.998.140.404

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   Asset Key   Vepos
B8103 | F.01U.300.149

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   Asset Key   Vepos
D8108A | 4.998.125.920

D8109 Fire enclosure, 16x16x3.5", red
Red enclosure, 16in. x 16 in. 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   Asset Key   Vepos
D8109 | 4.998.800.205

B10 Steel enclosure, medium, white
White, steel enclosure. Accepts an optional lock and tamper switch. Measures 35.6 cm x 31.8 cm x 7.6 cm (14 in x 12.5 in x 3 in).
Order number   Asset Key   Vepos
B10 | F.01U.268.495

B11 Steel enclosure, small, white
White, steel enclosure. Accepts an optional lock and tamper switch. Measures 27.8 cm x 25.9 cm x 8.32 cm (10.9 in x 10.2 in x 3.3 in).
Order number   Asset Key   Vepos
B11 | F.01U.262.005

ICP-TR1822-CAN Transformer, plug-in, 18V 22VA, Canada
For use in Canada. 110 VAC primary voltage input. 18 VAC, 22 VA secondary input.
Order number   Asset Key   Vepos
ICP-TR1822-CAN | F.01U.005.574

B12 Mounting plate for D8103 enclosure
Required for mounting select control panels and other devices in B8103, D8103, D8108A, D8109, and BATB Battery Box enclosures.
Order number   Asset Key   Vepos
B12 | F.01U.260.846

B-ENCL-1 Metal Enclosure kit w/transformer
White steel enclosure with installed 220 VAC transformer.
Order number   Asset Key   Vepos
B-ENCL-1 | F.01U.322.491

D101 Enclosure lock and key set
Short-body lock set with one key supplied. Uses the D102 (#1358) replacement key.
Order number   Asset Key   Vepos
D101 | 4.998.800.200

D110 Tamper switch for enclosure, 2pcs
Screw-on tamper switch that fits all enclosures. Shipped in packages of two.
Order number   Asset Key   Vepos
D110 | F.01U.246.707 4.998.137.947

ICP-EZTS Dual tamper switch
Combination tamper switch with a wire loop for additional tamper outputs.
Order number   Asset Key   Vepos
**ICP-EZTS | F.01U.217.038
F.01U.003.526**

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   Asset Key   Vepos
B99 | F.01U.278.853

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   Asset Key   Vepos
B915 | F.01U.385.667 F.01U.323.784

B56 Keypad surface mount box
Surface mount box for mounting a keypad to concrete or block.

Order number	Asset Key	Vepos
**B56	F.01U.295.834**		

B96 Trim plate for keypad
Cover the wall footprint of previous keypads when replacing them with the new, slim design of B Series keypads. The white trim bezel is 8.6 in x 6.3 in x 0.12 in (22 mm x 16 mm x 3 mm).

Order number	Asset Key	Vepos
**B96	F.01U.272.856**		

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	Asset Key	Vepos
**B915I	F.01U.315.437 F.01U.385.666**		

B56 Keypad surface mount box
Surface mount box for mounting a keypad to concrete or block.

Order number	Asset Key	Vepos
**B56	F.01U.295.834**		

B96 Trim plate for keypad
Cover the wall footprint of previous keypads when replacing them with the new, slim design of B Series keypads. The white trim bezel is 8.6 in x 6.3 in x 0.12 in (22 mm x 16 mm x 3 mm).

Order number	Asset Key	Vepos
**B96	F.01U.272.856**		

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

Order number	Asset Key	Vepos
**B920	F.01U.323.785 F.01U.385.668**		

B56 Keypad surface mount box
Surface mount box for mounting a keypad to concrete or block.

Order number	Asset Key	Vepos
**B56	F.01U.295.834**		

B96 Trim plate for keypad
Cover the wall footprint of previous keypads when replacing them with the new, slim design of B Series keypads. The white trim bezel is 8.6 in x 6.3 in x 0.12 in (22 mm x 16 mm x 3 mm).

Order number	Asset Key	Vepos
**B96	F.01U.272.856**		

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	Asset Key	Vepos
**B921C	F.01U.323.786 F.01U.385.734**		

B56 Keypad surface mount box
Surface mount box for mounting a keypad to concrete or block.

Order number	Asset Key	Vepos
**B56	F.01U.295.834**		

B96 Trim plate for keypad
Cover the wall footprint of previous keypads when replacing them with the new, slim design of B Series keypads. The white trim bezel is 8.6 in x 6.3 in x 0.12 in (22 mm x 16 mm x 3 mm).

Order number	Asset Key	Vepos
**B96	F.01U.272.856**		

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	Asset Key	Vepos
**B930	F.01U.385.669 F.01U.323.787**		

B56 Keypad surface mount box
Surface mount box for mounting a keypad to concrete or block.

Order number	Asset Key	Vepos
**B56	F.01U.295.834**		

B96 Trim plate for keypad
Cover the wall footprint of previous keypads when replacing them with the new, slim design of B Series keypads. The white trim bezel is 8.6 in x 6.3 in x 0.12 in (22 mm x 16 mm x 3 mm).

Order number	Asset Key	Vepos
**B96	F.01U.272.856**		

B940W Slim Touch Keypad
SDI2 compatible touch screen keypad with function keys.
Available languages: English, Chinese, Dutch, French, German, Greek, Italian, Hungarian, Polish, Portuguese, Spanish, Swedish.

Order number	Asset Key	Vepos
**B940W	F.01U.358.360**		

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	Asset Key	Vepos
**B942	F.01U.386.352 F.01U.323.788**		

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	Asset Key	Vepos
**B942W	F.01U.323.789 F.01U.395.924**		

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

Order number	Asset Key	Vepos
**B426	F.01U.324.383 F.01U.386.952**	**4235**	**7897**

B442 Plug-in cellular module, GPRS

Multi-function cellular communicator that provides IP communication over a (GPRS) cellular network

Order number	Asset Key	Vepos
**B442	F.01U.283.090 F.01U.385.514**	**4235**	**8330**

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	Asset Key	Vepos
**B443	F.01U.323.796 F.01U.385.515**	**4235**	**8336**

ITS-SIM-TMO SIM card, T-Mobile US

Contains one T-Mobile (US) wireless network SIM card compatible with the B443 Conettix Plug-in HSPA+ Cellular Communicator.

Order number	Asset Key	Vepos
**ITS-SIM-TMO	F.01U.218.196**		

B443-ATT Plug-in HSPA withAT&T SIM

This kit contains one B443 communicator and one AT&T SIM card.

Order number	Asset Key	Vepos
**B443-ATT	F.01U.320.534**		

SIM-HSPA-ATT SIM card, AT&T US

Contains one AT&T (US) wireless network SIM card for the B443 Conettix Plug-in HSPA+ Cellular Communicator.

Order number	Asset Key	Vepos
**SIM-HSPA-ATT	F.01U.318.927**		

B443-TMO HSPA+ PLUG-IN W/ TMO SIM

This kit contains one B443 communicator and one T-Mobile SIM card.

Order number	Asset Key	Vepos
**B443-TMO	F.01U.350.866**		

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	Asset Key	Vepos
**B444	F.01U.335.089**		

B40-P Outdoor puck antenna, cell, 6.5ft

Omnidirectional, low profile antenna for metallic indoor/outdoor surface mounting. Supports LTE, and 2G/3G/4G data communication. Operates over 698-960 MHz and 1710-2170 MHz bands.

Order number	Asset Key	Vepos
**B40-P	F.01U.326.561**		

B40-MB50 Outdoor multiband antenna, cell, 50ft

Provides wide bandwidth and low angle radiation pattern for indoor/outdoor applications. Supports 2G/3G/4G data communication, Domestic (US) LTE 700 band, Global LTE 2600 band, Domestic (US) Cellular, Global GSM, and WiMAX 2300/2500/2600 bands. Includes a 50 ft (15.2 m) cable, and a mounting bracket.

Order number	Asset Key	Vepos
**B40-MB50	F.01U.326.559**		

B40-MB25 Outdoor multiband antenna, cell, 25ft

Provides wide bandwidth and low angle radiation pattern for indoor/outdoor applications. Supports 2G/3G/4G data communication, Domestic (US) LTE 700 band, Global LTE 2600 band, Domestic (US) Cellular, Global GSM, and WiMAX 2300/2500/2600 bands. Includes a 25 ft (7.6 m) cable, and a mounting bracket.

Order number	Asset Key	Vepos
**B40-MB25	F.01U.326.560**		

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	Asset Key	Vepos
**B444-C	F.01U.349.007**		

B444-A Plug-in cell module, AMEC LTE

This communication module provides secure two-way IP communication on North American wireless networks.

Order number	Asset Key	Vepos
**B444-A	F.01U.374.184 F.01U.385.518**		

B40-MB25 Outdoor multiband antenna, cell, 25ft

Provides wide bandwidth and low angle radiation pattern for indoor/outdoor applications. Supports 2G/3G/4G data communication, Domestic (US) LTE 700 band, Global LTE 2600 band, Domestic (US) Cellular, Global GSM, and WiMAX 2300/2500/2600 bands. Includes a 25 ft (7.6 m) cable, and a mounting bracket.

Order number	Asset Key	Vepos
**B40-MB25	F.01U.326.560**		

B40-MB50 Outdoor multiband antenna, cell, 50ft

Provides wide bandwidth and low angle radiation pattern for indoor/outdoor applications. Supports 2G/3G/4G data communication, Domestic (US) LTE 700 band, Global LTE 2600 band, Domestic (US) Cellular, Global GSM, and WiMAX 2300/2500/2600 bands. Includes a 50 ft (15.2 m) cable, and a mounting bracket.

Order number	Asset Key	Vepos
**B40-MB50	F.01U.326.559**		

B40-P Outdoor puck antenna, cell, 6.5ft

Omnidirectional, low profile antenna for metallic indoor/outdoor surface mounting. Supports LTE, and 2G/3G/4G data communication. Operates over 698-960 MHz and 1710-2170 MHz bands.

Order number	Asset Key	Vepos
**B40-P	F.01U.326.561**		

B444-V Plug-in cell module, VZW LTE

This communication module provides secure two-way IP communication on the Verizon Wireless network.

Order number	Asset Key	Vepos
**B444-V	F.01U.385.517 F.01U.374.183**		

B40-MB25 Outdoor multiband antenna, cell, 25ft

Provides wide bandwidth and low angle radiation pattern for indoor/outdoor applications. Supports 2G/3G/4G data communication, Domestic (US) LTE 700 band, Global LTE 2600 band, Domestic (US) Cellular, Global GSM, and WiMAX 2300/2500/2600 bands. Includes a 25 ft (7.6 m) cable, and a mounting bracket.

Order number	Asset Key	Vepos
**B40-MB25	F.01U.326.560**		

B40-MB50 Outdoor multiband antenna, cell, 50ft
Provides wide bandwidth and low angle radiation pattern for indoor/outdoor applications. Supports 2G/3G/4G data communication, Domestic (US) LTE 700 band, Global LTE 2600 band, Domestic (US) Cellular, Global GSM, and WiMAX 2300/2500/2600 bands. Includes a 50 ft (15.2 m) cable, and a mounting bracket.

Order number   Asset Key   Vepos
B40-MB50 | F.01U.326.559

B40-P Outdoor puck antenna, cell, 6.5ft
Omnidirectional, low profile antenna for metallic indoor/outdoor surface mounting. Supports LTE, and 2G/3G/4G data communication. Operates over 698-960 MHz and 1710-2170 MHz bands.

Order number   Asset Key   Vepos
B40-P | F.01U.326.561

Software Options

D5500CU Upgrade DVD
RPS software is available for free download on the RPS product page. It is also available on DVD-ROM.

Order number   Asset Key   Vepos
D5500CU | 4.998.143.725

Services

EWE-CTRCOM-IW 12 mths wrty ext Control Communicator
12 months warranty extension

Order number   Asset Key   Vepos
EWE-CTRCOM-IW | F.01U.352.289