


# G Series Control Panel

## Installer Quick Start Guide

Use this guide to quickly install a Bosch B9512G/B8512G security system. Additional information is found in the Control Panels Installation Manual.

 When you see this icon, use your smart phone with a QR code reader app to view helpful videos.

### For additional training:

#### Bosch YouTube channel:



1. Scan QR code.
2. Scroll down.
3. Locate and select your region for additional videos.

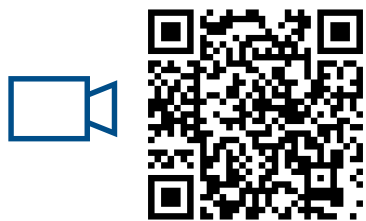
#### G Series highlights:



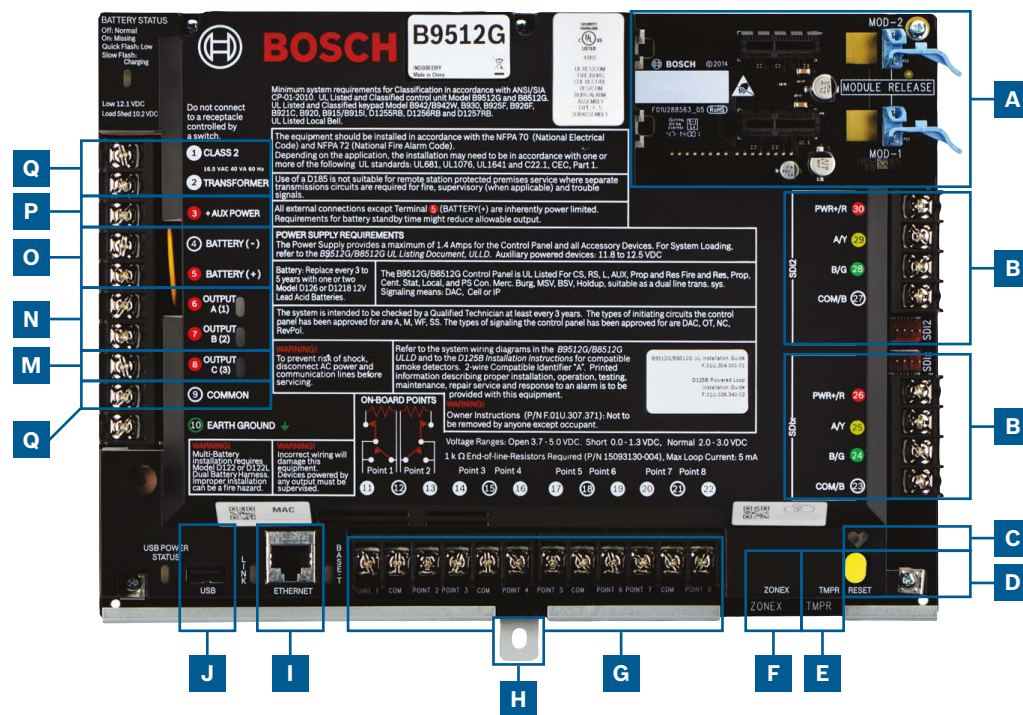
(North America only)

### Installation sequence:

Scan and follow these videos in sequential order to the steps listed below.



### Control panel component layout



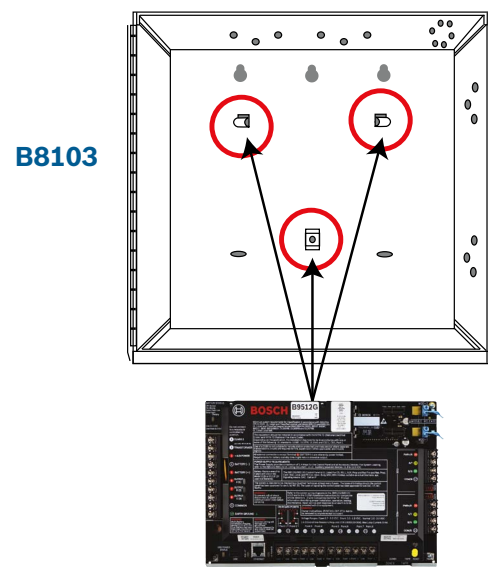
### Control panel connection location

Location	Item	Description	Specification
A	MOD-1/MOD-2	Plug-in comm module	Communication module locations
B	R Y G B	Device bus	SDI2/SDIx (configurable) device bus
C	Heartbeat LED	Heartbeat LED	Slow=normal, rapid=service mode
D	Reset	Reset switch	Hold five seconds to enter or exit service mode
E	TMPR	Tamper	Optional tamper switch connector (ICP-EZTS)
F	ZONEX	Expansion bus	Uses B600 for use with ZONEX and POPEX devices
G	1 COM 2 to 7 COM 8	Alarm points	8 On-Board supervised inputs
H	Mounting	Mounting screw	Mounting screw location for control panel
I	ETHERNET	Ethernet port	Built-in on-board Ethernet connection (10Base-T/100Base-T)
J	USB	USB port	USB connector (for firmware updates and RPS connection)
K	Earth ground	Earth ground	Earth ground connection
L	COMMON	COMMON	Common terminal
M	C	Output C (3)	Relay Output (High switching Low)
N	A B	Output A (1) B (2)	Programmable relay outputs (low switching high)
O	+BAT-	Battery	Secondary power
P	+AUX Power	Aux power	12 VDC, 1.4 amps
Q	CLASS 2 Transformer	16.5 VAC, 40 VA	Primary power (Transformer Connection)

### Step 1 Mounting the control panel

#### Bosch tips:

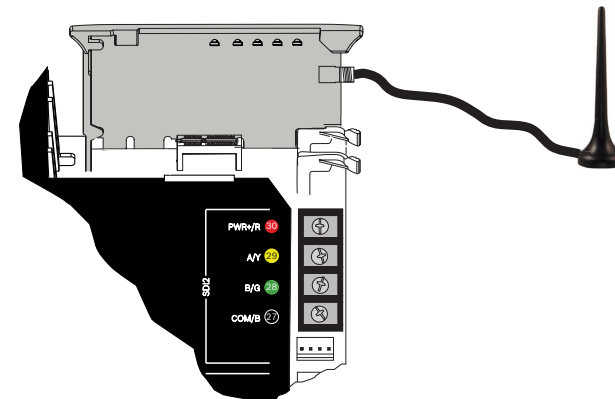
- ▶ Mount the enclosure prior to mounting the control panel.
- ▶ Mount control panel into enclosure with hardware provided.



### Step 2 Installing a communication module

#### Bosch tips:

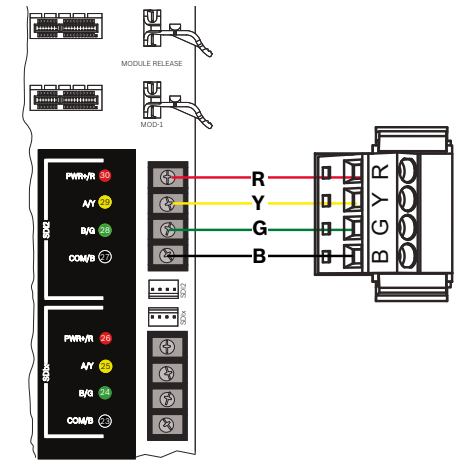
- ▶ Insert leg of module into slot marked "X."
- ▶ **Cellular:** Place antenna on top of enclosure and run cable inside, then connect to module.
- ▶ **PSTN:** Connect module to a D166 (RJ31x) jack using a D161/D162 cable.



### Step 3 Installing a keypad

#### Bosch tips:

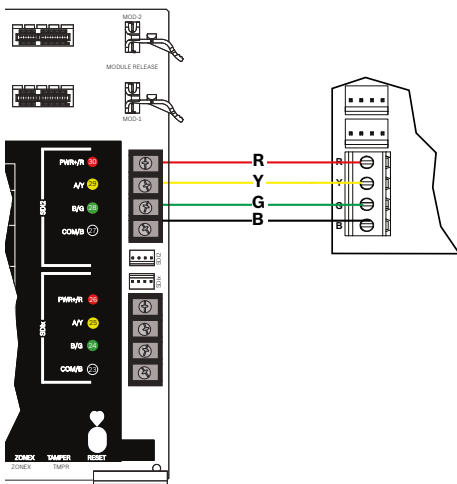
- ▶ When installing a compatible Bosch keypad, refer to keypad installation guide for specific wiring diagrams. Basic keypad wiring is shown below.
- ▶ When installing more than one keypad, refer to keypad installation guide for unique address settings.



### Step 4 Installing expansion modules

#### Bosch tips:

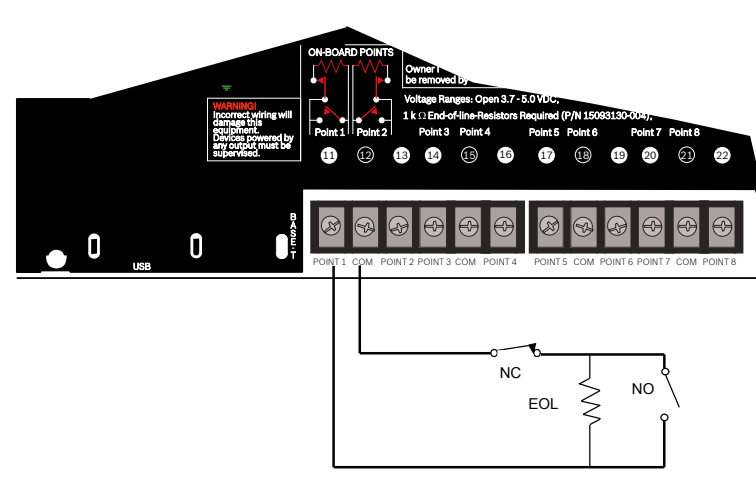
- ▶ If installing more than one device of the same type, refer to the module's installation guide for address settings.
- ▶ If installing a RADION B810 wireless receiver, use address 1 only.



### Step 5 Installing wired inputs

#### Bosch tips:

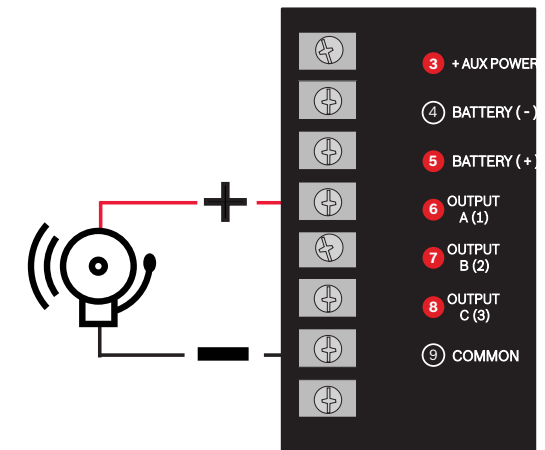
- ▶ If using a dual EOL, 2K EOL, or no EOL, refer to control panel installation guide for control panel settings.
- ▶ If using 2-wired powered devices, use a D125B.



### Step 6 Installing a bell or siren

#### Bosch tips:

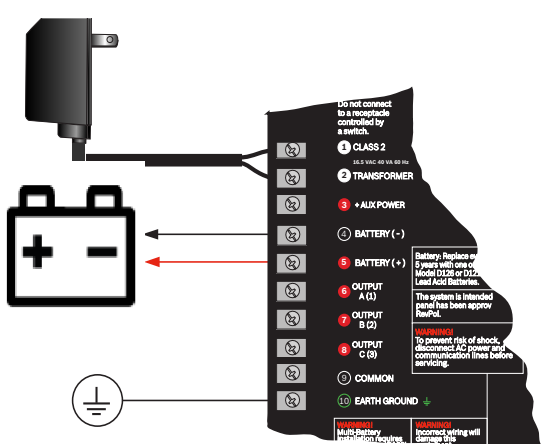
- ▶ Outputs can supply up to 1 A at 12 VDC.
- ▶ Output A and B are programmable outputs (Form A contacts switching high).
- ▶ Output C is a programmable output (Form A contact switching low).



### Step 7 Powering the control panel

#### Bosch tips:

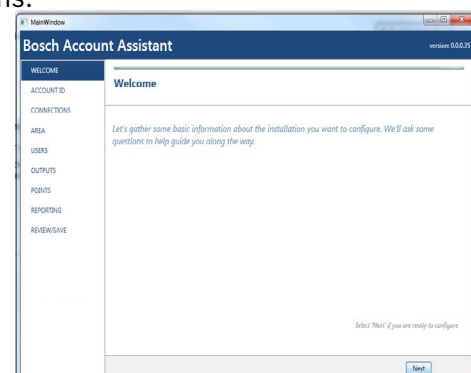
- ▶ Connect wires to control panel before applying battery or AC power.
- ▶ Connect earth ground to a cold water pipe (copper) or other solid connection to ground.



### Step 8 Creating control panel accounts using RPS

#### Bosch tips:

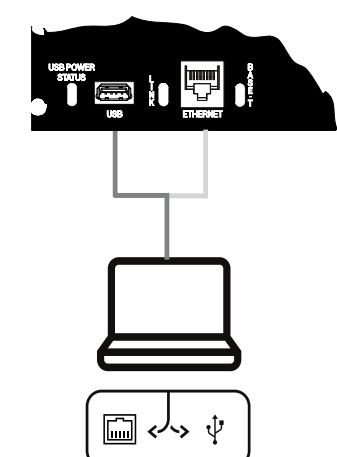
- ▶ If configuring using the Installer Services Portal, go to **Step 11**.
- ▶ Install Remote Programming Software (RPS) v6.06 or later. You can download RPS from the RPS product page.
- ▶ Follow the RPS Account Assistant instructions to create new control panel accounts. The Account Assistant will help you create a new panel account.
- ▶ If RPS is not available, keypad programming is an option. Refer to keypad installation instructions.



### Step 9 Connecting to the control panel using RPS

#### Bosch tips:

- ▶ Connect a computer with RPS installed. Direct RPS connections can be done through a USB connection or Ethernet connection.
- ▶ The Account Assistant automatically launches when you create a new account.
- ▶ For USB direct connection, use a B99 USB cable.



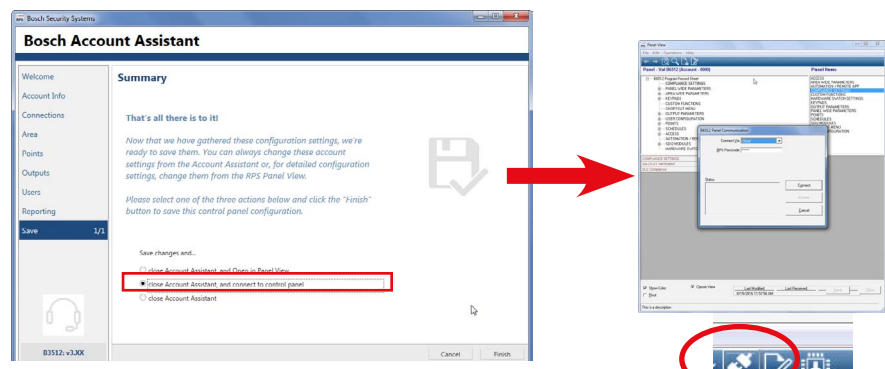
# G Series Control Panel

## Installer Quick Start Guide

### Step 10 Configure and send to control panel using RPS

#### Bosch tips:

- ▶ Program your configuration information using Account Assistant.
- 1. Press **close Account Assistant, and connect to control panel**. This opens the **Panel Communication** window.
- 2. Press **Connect** and send configuration programming to control panel.



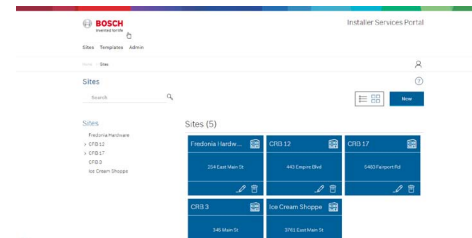
- 3. Press **Disconnect** from control panel when programming is complete. Go to **Step 12**.

### Step 11a Accessing the Installer Service Portal and create panel account

#### Bosch tips:

#### Using the Installer Services Portal: (Not in all regions)

- ▶ Before you can use Installer Services Portal you must register for services at: <https://sp.boschsecurity.com>.
- ▶ Make sure the control panel is connected to the network.
- 1. Log into the Installer Services Portal.
- 2. Click on **New** and select **Device** to create a panel account.
- 3. Add panel account information.
- 4. Activate CloudID. ISP searches database for registered IDs.
- 5. Select **Activate**.
- 6. Click **Add Panel**.

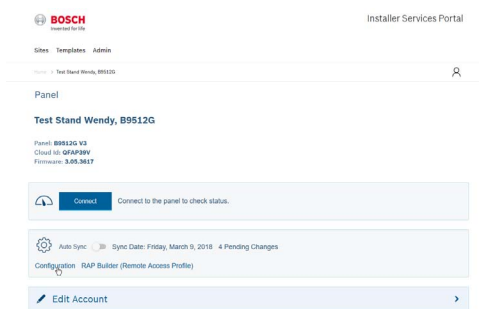


### Step 11b Connect and send using the Installer Service Portal

#### Bosch tips:

#### Using the Installer Services Portal:

- ▶ Search or select device to connect to a control panel. Type in panel account name in the Search field to locate new account.
- 1. Select the panel account.
- 2. Click **Connect**.
- 3. Click **Configuration**. Program your configuration information.
- 4. Click the 3 vertical dots and select **Push Pending Changes to Panel** to send configuration.
- 5. Click **Disconnect** when configuration is complete.



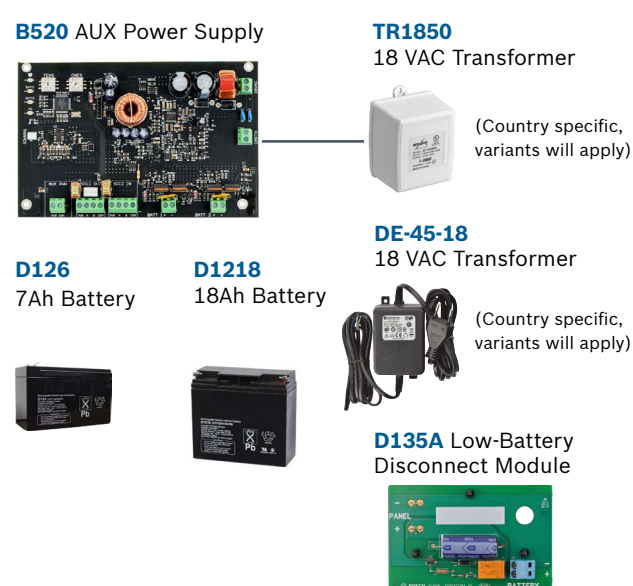
## B Series control panel accessories (partial list)

**Note:** Not all products and features are available in all regions. Consult your Bosch representative or product datasheets for details.

### Control panel



### Power

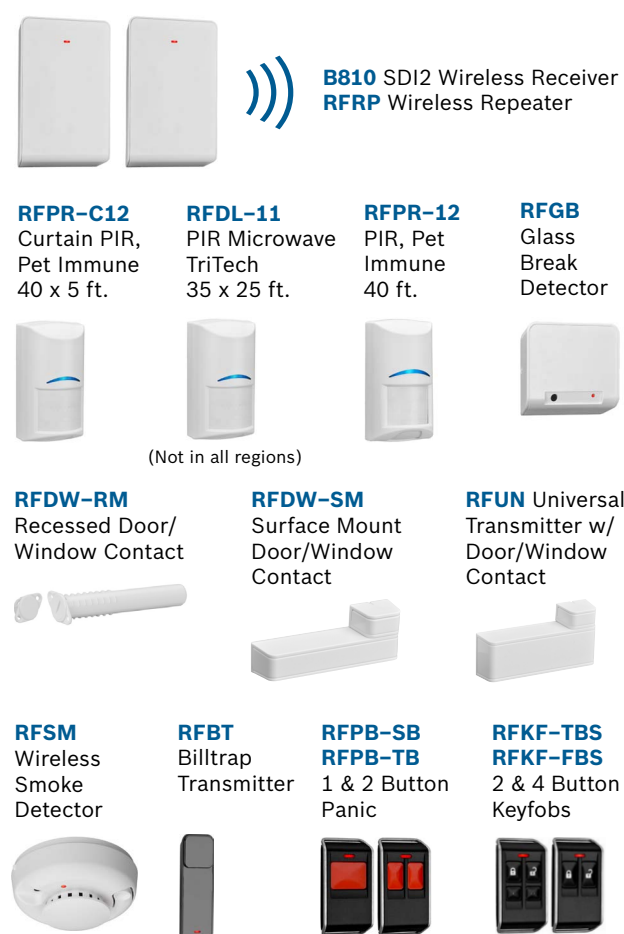


### Communicators



### RADION wireless devices

-A versions of RADION devices are used in North and South America. Non -A versions are used in Europe, Africa, and Australia.



### Keypads



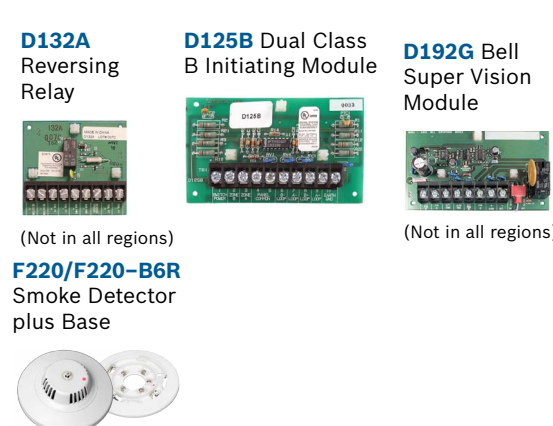
### RFID tags (for Readers & B942 Keypads)



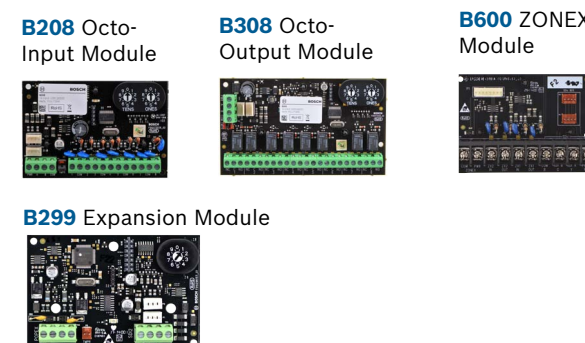
### Enclosures & accessories



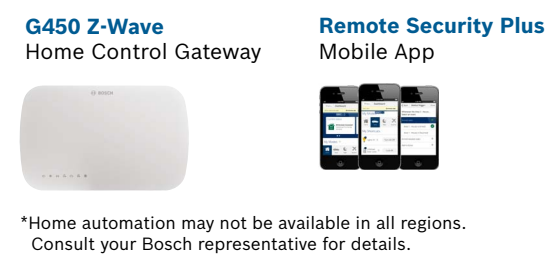
### Residential fire



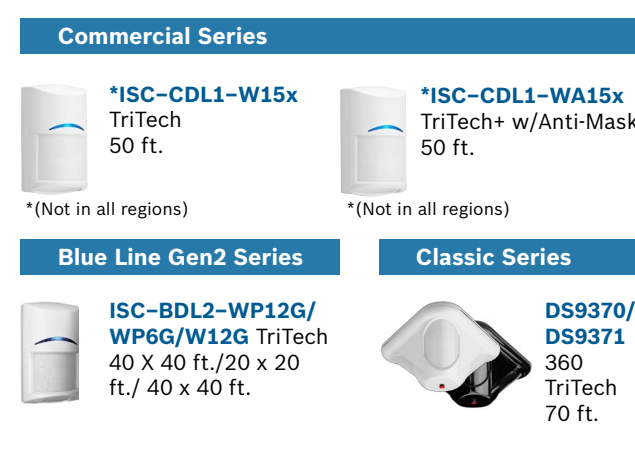
### I/O expansion modules



### \*Home automation



### Wired motion detectors



### Step 12 Test the system

After system installation and control panel programming, perform a complete system test. A complete system test includes testing the control panel, all devices, and communication destinations for proper operation.

#### Bosch tips:

- ▶ Perform a Walk Test
  1. Select **Actions**.
  2. Select **Test**.
  3. Select **Walk Test**.
  4. Choose a test to run.
- ▶ Send a test report



## FAQs

### What is my default code?

User Code: **123456**  
Installer Code: **123**

### How do I enable Ground Fault Detection?

The B9512G/B8512G control panels come from the factory with Ground Fault Detection enabled. To verify, go to the control panels' RPS account and go to **Panel Wide Parameters - Miscellaneous - Ground fault Detection**. Verify it is enabled.

### How do you remotely turn on and turn off the control panel?

This can be done through the use of the Remote Security Control App.

### How do I connect directly to the control panel with Ethernet?

By default, the control panel is set up to auto detect and negotiate a connection to RPS when an ethernet cable is connected between them.

### What do I need to be able to send personal notifications?

SMS (Text) messages require the use of a cellular module and emails can be sent by either an Ethernet or Cellular connection.

### How do I enter "Service Mode"?

Press and hold the yellow reset button on the control panel for 5 seconds (repeat to exit).

## Where can I go for additional information?

[www.boschsecurity.com](http://www.boschsecurity.com)

### Programming and software

