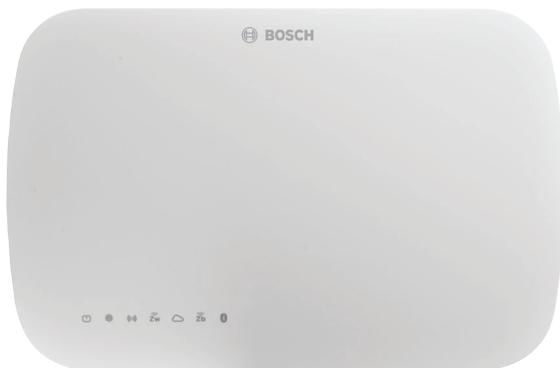


# G450 Home Control Gateway

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Invented for life



- ▶ Convenient web-based dashboard provides easy-to-use interface
- ▶ Bosch Remote Security Plus mobile app support available for Android and iOS
- ▶ Combined security and home automation workflows
- ▶ Monthly billing plan
- ▶ Z-Wave, ZigBee, Bluetooth, and WiFi radio compatible

The G450 is a smart home control gateway designed to operate in a smart home supported environment for home automation use. When connected to a Bosch control panel, the G450 allows smart home devices such as thermostats, lighting controls, door locks, sensors, and cameras, to work together within a single ecosystem.

## System overview

The home control gateway easily connects to your existing Local Area Network (LAN) with the supplied Ethernet cable. Whether home or away, accessing the home control gateway has been made easier thanks to an app and web browser interface. Login from any web browser or internet-enabled phone through the Bosch Remote Security Plus app (available for Android and iOS).

## Functions

### Account creation

End-user accounts are created by the Security Dealer, through an administrative portal. End-users may add users to provide access for their family members, or business associates.

### Adding smart home devices

Add new smart home devices using wizards that allow the home control gateway to “discover” new devices. Simply put the controller into “include” mode and activate the device you wish to add.

### Energy management applications

Control the amount of energy used in your house when using temperature sensors in concert with your thermostat. These devices allow you to efficiently control the temperature range of your house by creating a “scene” that adjusts your temperature based on sensor information. Other applications include; turning on/off appliances, shutting off sprinkler systems, or turning lights on at predetermined times.

### House Modes

House Modes allow you to quickly and easily automate multiple functions into one simple button press. For example, when you are away, your home control gateway automatically locks your door, turns off the lights, and adjusts the thermostat to a desired temperature. House Modes gives you peace of mind, while also reducing unnecessary energy usage. House Modes include:

- Home
- Away
- Night

- Vacation

### Smart Home monitoring

The home control gateway allows you to monitor your smart home solution while you are away by sending you a text message or an email to your mobile device when your doors are unlocked. You can also view a snapshot or live video from your computer or smartphone when configured with a video camera to verify your environment is safe without unwelcome guests.

### Scene creation

The home control gateway allows you to create “scenes” or series of actions incorporating your smart home devices and Bosch control panel. A scene may include an automated series of events such as adjusting your thermostat, turning on your lights, and unlocking your door as you pull into your driveway. Simple automation in one easy touch!

### Web browser programming

Use the web browser to:

- Set up and configure your end user's system
- Add other devices
- Add users to your system
- Set up notifications for users

## Installation/configuration notes

### Installation considerations

The home control gateway connects to your Local Area Network (LAN). Installation of the home control gateway needs to be connected to the same LAN as the Bosch control panel. A static IP address is required for the control panel.

### Compatibility

Control panels	B9512G/B8512G, B6512/B5512/ B4512/B3512
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For a complete compatibility list of supported devices, refer to the “Compatible Smart Home devices” document available on the product page for the G450.

### Notice

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

## Parts included

Quantity	Component
1	Home control gateway
1	Power Supply
1	Ethernet cable
1	Quick Start Guide

## Technical specifications

### Properties

Dimensions	1.33 in x 5.00 in x 7.71 in (33.7 mm x 127.0 mm x 195.8 mm)
CPU	880 MHz MIPS SoC
Flash NAND	128 MB
Memory	DDR3 128 MB
Power	1 DC power jack
USB ports	1, USB 2.0 (for Technical Support only)
WAN ports	1 (10/100/1000Base-T)
Wireless connection	WiFi: IEEE 802.11 a/b/g/n Z-Wave Plus ZigBee HA 1.2 Bluetooth Low Energy (LE) 4.0+

### Environmental considerations

Relative humidity	10% to 80% non-condensing
Temperature (operating)	0°C to 40°C (32°C to 104°C)
Use	Intended for indoor use.

### Power requirements

Voltage	Input: AC 100-240 VAC, 50-60 Hz Output: DC 12V/1.5A
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## Ordering information

### G450 Home Control Gateway

Smart home control gateway compatible with Bosch control panels, and supports smart home devices. Monthly Home Control Service fees apply after the Dealer installs the controller.

Order number **G450**

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