G Series Product Guide
B9512G, B8512G

BOSCH
Invented for life

The B9512G and B8512G control panels are the premier commercial control panels from Bosch.

Greater protection

G Series Control Panels are approved for combination burglar and fire alarm applications and offer integrated access, IP video camera control and compatibility with the G450 Home Control Gateway for home or business automation.

With up to 32 doors of access control, 599 points of burglary and fire protection and 2,000 users, all in a single control panel, these flexible systems provide optimum performance and protection for a wide range of applications and building configurations.

Our most advanced control panels, the B9512G and B8512G support a comprehensive line of components that can be integrated to create unique security solutions.

Greater technology

On-board Ethernet, USB and plug-in communication modules simplify central station reporting, personal notifications and remote programming.

Use Ethernet or cellular data networks to send alarm transmissions to a central monitoring station. The panels support both IPv4 and IPv6 Internet protocols to protect your investment and ensure continuous operation.

Remote programming over IP networks minimize service costs and allow control of certain functions without traveling to the customer site. Remote firmware updates ensure easy maintenance or feature enhancements.

Intrusion

Fire

Access

Integrated Security Solution

Automation

Video

Mobile Access

Greater customization

With custom functions, a single action or presentation of access credentials can initiate multiple functions. Scheduled events can ensure the system is armed or disarmed at pre-determined times or other functions are performed based on the system's internal clock and calendar. Keypads can be configured to operate all areas, or just a single area. Custom keypad text is remotely programmable—reducing costly service calls.

Greater control

Operate the system from an iOS or Android device with the Remote Security Control app. Arm or disarm individual areas, check system status and control monitored points or doors using the Internet or local wireless network. View live video from Bosch IP cameras integrated with the panel.

Greater awareness

To stay up to date, event notifications can be sent directly via email or text message. Receive notifications in English, Spanish, French or Portuguese to ensure clarity.

G Series panels can directly control up to 16 Bosch cameras via the IP network, and support up to 8 video analytics alarm inputs per camera. This augments the panel's capabilities with intelligent video analytics functions such as motion detection, line crossing, and idle object. In addition, panel events can trigger camera actions such as moving camera pre-sets or recording settings, and initiate the transmission of video snapshots via email.

The G Series can also be integrated with the Bosch Video Management System (BVMS), providing up to 20 panel connections per BVMS server. Panel status and events can be displayed on a graphical map. The panel can trigger BVMS events and be armed or disarmed through BVMS.

Greater efficiency

Compatibility with our existing G Series peripherals allows you to easily upgrade existing Bosch systems for greater capacity, enhanced features and modern technology.

On-board USB enables easy on-site programming. Plug-in PSTN and Cellular communication modules allow for simple installation and future-proof upgrades.

Only from Bosch

New, unique features provide an added layer of security

Area Re-Arm ensures sensitive areas are only disarmed for short, configurable periods of time

Monitor Delay checks doors and other points when disarmed, and provides notifications and reports if faulted for an extended, configurable duration

G Series applications

Banking/Financial Institutions

- ▶ Early ambush and two-person disarm provide branch-specific security options
- ▶ Multiple areas can partition critical zones like the ATM, vault and office—or allow the branch to be armed while keeping the ATM vestibule accessible
- ▶ Highest level of encryption built into every control panel

Retail

- ▶ Monitor coolers and HVAC systems to reduce risk for grocery stores
- ▶ Use Area Control for arming/disarming critical areas including the pharmacy, cash office, warehouse and overhead doors
- ▶ Use Monitor Delay and Delay Response, even during disarmed periods, to check propped perimeter doors, roof latches and high-value areas

Education

- ▶ Control authorizations so each user can have a personalized passcode, wireless keyfob and access credentials
- ▶ Advanced detectors and sensors protect against a wide range of security concerns (fire, smoke, CO, break-ins, explosions and more)
- ▶ Work with central monitoring stations to provide 24-hour support services for testing, monitoring and emergency services response

Office Buildings

- ▶ Programmable authority levels with restricted privileges give service and security personnel full or limited access
- ▶ Event log can store up to 10,000 local and reported events
- ▶ Scheduled events allow day-of-week, date-of-month and holiday access
- ▶ Flexible area configurations protect sensitive zones while allowing staff to access common areas during off-hours

System Overview

G Series panels integrate intrusion, fire, access control and IP video, providing one simple solution for all functions. Systems are scalable up to 599 points and 2,000 users for a large range of applications.

Keypad models and options

Choose from the basic keypad, a color graphical LCD touch screen or ATM-style keypads. Models are also available for fire alarm applications.

Keypad Models	
	B942W Touch Screen (White)
	B942 Touch Screen (Black)
	B930 Text w/Soft keys
	B921C Capacitive Touch
	B920 Text w/ Function keys
	B915 Text
	B925F Combination Intrusion + Fire
	B926F Standard Fire

The new G Series supports a variety of legacy Bosch SDI keypads, including the D1255, D1260 and D1256RB Series.

System Features	B8512G	B9512G
Points	99	599
Wireless Points	91	504
Addressable Points	91	591
Areas	8	32
Access Readers/Doors	8	32
IP Cameras	8	16
Supervised Keypads	16	32
Schedules	40	80
System Users	500	2,000
Card Holders	500	2,000
Outputs (on-board/total)	3/99	3/599
Custom Functions	8	32
Conettix IP Alarm-over-IP Support	Yes	Yes
Cellular Communication	Yes	Yes
Commercial Fire Approved (UL864 9th Edition)	Yes	Yes

Point and output expansion

Expansion modules can be mounted on the SDI2-bus up to 1,000 feet away from the panel. Any combination of hardwire, addressable, or wireless expansion is possible to meet application requirements.

System Accessories	
B430	Plug-in Phone Line (PSTN) Communicator
B444	Connetix Plug-in 4G LTE Cellular Communicator
B444-C	Conettix Plug-in 4G LTE Cellular Communicator (cold)
B443	Conettix Plug-in HSPA + Cellular Communicator (Canada)
B450	Conettix Plug-in Communicator Interface
B426	Conettix Ethernet Communication Module
B901	Access Control Module
B520	Auxiliary Power Supply Module
B810	RADION receiver SD wireless communications
B820	SDI2 Inovonics Interface Module
B208	SDI2 Octo-input Module
B308	SDI2 Octo-output Module
B299	POPEX Module
B600	Retrofit (ZONEX) Module

SmartHome Controller

Supports integration with a wide range of Z-Wave and Wi-Fi automation devices

Remote Connect cloud service

Provides simplified IP installation and ensures a secure, encrypted connection