



GV4 panels are the premier commercial control panel line from Bosch.

Flexible communications options

Using Bosch Conettix communication, GV4 can transmit alarm events in both Bosch ModemIIIa2 and Contact ID formats over telephone, data networks and GSM/GPRS cellular networks to increase security and efficiency. GV4 is the first security control panel to support DNS for remote programming and central station communication. With DNS, IP communication is simple to set up from the installer keypad menu or via RPS.

Adaptable to virtually any application requirement

GV4 panels are as adaptable as they are powerful. The system can be split into up to 32 areas, each with perimeter and interior arming. To provide ease of use, keypads can be configured to operate all areas, or just a single area. Custom text is remotely programmable on each keypad – reducing costly service calls.

Remote programming

Remote programming over IP or cellular minimizes service costs by allowing you to service systems or enable and disable certain functions without traveling to a facility. And, remote firmware updates ensure easy maintenance or feature enhancements as they become available. The panel firmware can also be updated locally using a flash key.

Banking/Finance:

- ▶ Use the early ambush feature for banks where the manager opens alone or Two Person disarm where two people are required to open the branch or critical area
- ▶ Use multiple areas to partition the bank for critical areas like the ATM, vault and office. GV4 can even be programmed to easily allow the branch manager to disarm the branch without disarming other critical areas



Remote Security Control

With a B420 Ethernet Module, you can operate the GV4 from an iPhone, iPad and iPod Touch. Arm or disarm the system, check system status and control outputs or doors using a hand-held device over the Internet or through a local wireless network.

Retail:

- ▶ Use POPITs to monitor critical coolers and HVAC systems – reducing a big risk for grocery, big-box retail and convenience stores
- ▶ Combine Area Control with access control for arming/disarming critical areas like the pharmacy, cash office, warehouse, overhead doors and to eliminate the need for keys

Schools

- ▶ Use wireless personal transmitters to allow teachers and administrators to call for help from anywhere on campus
- ▶ Custom functions, SKEDs, can be used to provide easy arming for special events such as concerts, sporting events or community meetings

Residential

- ▶ Use Inovonics EchoStream to monitor outbuildings, such as the pool shed or garage
- ▶ Custom functions provide easy one-button arming configurations, such as Go to bed or Go out to the pool
- ▶ Late-to-open reports can be used to monitor latch-key kids

System Overview

GV4 panels integrate intrusion, fire and access control, providing one simple user interface for all systems. The scalable GV4 panels are available with 40 to 246 points and support for up to 1,000 users for large and small applications.



Keypad models and options

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

| Keypad Models | |
|---------------|---|
| D1255B | Signature Style Vacuum Fluorescent display (VFD). Provides complete system control |
| D1260B | ATM Style Keypad. Improves ease of use with function buttons for common features |
| D1265 | Bright color LCD graphical display. Simple touch screen menu operation offers greatest ease of use. |
| D720 | LED keypad for simple commands |
| D1255RB | Full Function Fire Keypad with VFD |
| D1256RB | Fire Alarm Keypad with VFD |
| D1257RB | Fire Alarm Annunciator with VFD |

Conettix IP Communication

B420

SD12 Ethernet module supports IP alarm reporting, remote programming and DNS over intranet or Internet.



| System Features | D7212 GV4 | D7412 GV4 | D9412 GV4 |
|--|-----------|-----------|-----------|
| Number of Points | 40 | 75 | 246 |
| Number of Areas | 4 | 8 | 32 |
| Access Readers/Doors | 0 | 2 | 8 |
| Wireless or Addressable Points | 32 | 67 | 238 |
| Number of System Users | 100 | 400 | 1,000 |
| Number of Card Holders | 0 | 399 | 999 |
| Number of Wireless Arm/Disarm Keyfobs | 99 | 350 | 350 |
| Number of Outputs | 27 | 64 | 131 |
| Custom Functions | 4 | 4 | 16 |
| Conettix IP Alarm-over-IP Support | Yes | Yes | Yes |
| GSM/GPRS Cellular Communication | Yes | Yes | Yes |
| Commercial Fire Approved (UL864 9th Edition) | — | Yes | Yes |

Point and output expansion

Hardware and wireless expansion options include Bosch's 2-wire POPIT, the new B208/B308 Octo-input/output modules and Inovonics EchoStream wireless technology. New expansion modules can be mounted up to 1,000 feet away from the panel for added installation flexibility. Any combination of hardwire, addressable and wireless expansion is possible to meet application requirements.

| Expansion Modules | |
|-------------------|---|
| D9127U | Single Input "POPIT" Point Expander, provides one addressable dry contact input |
| D9127T | D9127 with the addition of a magnetic tamper switch |
| D8125 | Output expansion Module for addressable points and detectors |
| B208 / B308 | SDI2 Octo-input / Octo-output Modules |
| B820 | SDI2 Inovonics EchoStream Interface Module |
| D8128D | Eight Input "OctoPOPIT" Point expander |
| D8129 | Eight Output "Octorelay" Module |

ITS-DX4020-G

SD12 GSM/GPRS module allows alarm reporting and remote programming communication over digital cellular networks.

