G2

Performance & Simplicity above all

The Honeywell new G2 is the ideal solution to protect small commercial sites.

The simplicity of installation, its great flexibility and unique system architecture, built on the trusted Galaxy platform allowing remote servicing, is a major benefit to both the end-user and installer.

Compatible with the existing Galaxy peripheral range, the G2 series utilises the familiar Galaxy user interface and programming structure. In addition, it now allows integrated door control and set/unset from a card reader and optional connectivity to an IP network.

The new G2 range consists of two panels; the compact "G2-20" version and the "G2-44+", allowing up to 20 and 44 zones respectively. The standard 12 built-in zones offer a cost effective solution without the need for expansion modules.

Flexible installation and operation options are achieved in a multiple system environment. The G2 can be programmed to operate as up to three fully independent sub systems plus a common area. This is ideal in landlord/tenant installations.

The new bi-directional wireless module enables the new G2 panels to be set/unset with a two-way keyfob. This gives the end-user a live system status in real time. The radio link between the keyfob and the wireless module is encrypted to comply with DD243.

The G2-44+ also offers dual bus technology making it compatible with most Honeywell Ademco ECP-bus devices. Multi-path communication signalling is achieved using both the GSM and PSTN networks. False alarms are reduced by utilising two-way audio between the site and ARC.

With its on board modem, the G2 series is suitable for use in installations requiring compliance with PD6662: 2004 and En50131-1: 2006, security grade 2, environmental class II

Features:

- New: Door control and set/unset capability using MAX3 proximity card reader
- New: RF portal for superior bi-directional wireless performance on 868 MHz
- New: Dual path signalling over PSTN and/or IP networks
- Hybrid system which supports both hardwired and wireless peripherals
- Familiar Galaxy menu structure

- Programmable zone resistor values, to upgrade any existing installation
- Alarm signalling in multiple formats (DTMF, SIA levels 0-3, Contact ID)
- SMS text signalling to up to three mobile numbers
- Advanced system and RF-diagnostics
- Flash upgradeable firmware
- Integrated RS232 communication port
- EN 50131 compliant

Extra features of G2-44+ only:

- Triple path signaling via PSTN, plug-in GSM or over IP network
- 2-way voice support – from supervised premises to central station or user
- Dual bus technology supports both Galaxy (RS485) and Ademco (ECP) peripheral sets

G2 Series

Advanced Security Systems using Galaxy technology

Specifications:

Feature	Specification	
	G2–20	G2–44+
Zones	12 to 20	12 to 44
Outputs	4 to 16 (includes 8 Trigger Lead outputs)	4 to 28 (includes 8 Trigger Lead outputs)
Integrated PSU	1A (0.6A @ g2)	1.45A (1A @ g2)
Data bus	1 x RS485	RS485 and ECP
Keypads (Keyprox)	4 [4]	4 [4]
MAX	1 [note1]	1 [note1]
Wireless	Yes (Domonial)	Yes (Domonial and/or 5800 Series)
Codes	24	24
Groups	3+1 Common	3+1 Common
Zone Types	21	21
O/P Types	27	27
Event Log	384	384
Multi-Users	4	4
Timed Lockout	Yes	Yes
Part Set	Yes	Yes
Silent Part Set	Yes	Yes
RS232	Onboard Serial Port[2]	
Integrated PSTN (V.22)	Yes	
Printer Output	Yes	Yes
Remote Servicing	Yes	Yes
Ethernet Module	Optional [note1]	Optional [note1]
GSM Modem	–	Optional
2 Way Voice	–	Optional
SMS Text	3 Numbers	3 Numbers
PD6662:2004	Grade 2	Grade 2
Dimensions (W x H x D)	300 x 255 x 155mm	370 x 320 x 85mm
Weight	3.9 kg	4.5 kg

Note 1, G2 software v1.4 and above
Note 2, Requires G2 RS232 lead

Ordering: (English versions)

C020-01-KPD	G2-20 Control panel with integrated PSTNcommunicator and keypad
C020-01-PROX	G2-20 Control panel with integrated PSTN communicator and keyprox
C044-01C	G2-44+ Control panel with integrated PSTN communicator
C044-01-KPD	G2-44+ Control panel with integrated PSTN communicator and keypad
C044-01-PROX	G2-44+ Control panel with integrated PSTN communicator and keyprox

Accessories:

A228	G2 RS232 Lead
A229	G2 Trigger Lead
A231	G2 GSM Module Kit (only for G2-44+)
C079	G2 RF Portal

Agency Listings:

- TS50131-3: 2003, Security Grade 2, Environmental Class II
- CE

Software:

- Galaxy Access Downloader (remote service/programming software)

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Peripherals:

The G2 Series is supported by a comprehensive peripheral set

On the G2 RS485-bus:

- **Galaxy MK7 LCD keypad** —————
  2 x 16 alphanumeric character display
- **Galaxy MK7 LCD KeyProx** —————
- Equivalent to Galaxy MK7 keypad with integrated ASK proximity reader allows the system to be set and unset by use of proximity card
- Can be used for DD243 compliant system configuration
- **Galaxy RIO** —————
  System expander module – 8 zones/4 outputs
- **Galaxy Power RIO** —————
  2.75A EN50131-1 grade 3 compliant power supply with integrated RIO
- **RF Portal** —————
- Receiver for the Domonial V2 and Alpha wireless peripheral ranges
- Superior wireless performance range Provides full wireless diagnostic information
- **Domonial wireless peripheral range** —————
  Aesthetically pleasing wireless sensors with excellent wireless performance (868 MHz)
- **Ethernet Module** —————
  Optional communication module for alarm signalling and remote servicing over IP network
- **MAX3** —————
  Door control in a single unit. Can be used as standalone or integrated into the Galaxy control system for setting and unsetting

On the Ademco ECP-bus:

- **6160 keypad** —————
  2 x 16 alphanumeric character display
- **Zone Expander** —————
  8 zone expander and 4 hardwired programmable outputs
- **5882 wireless receiver** —————
  Supports all 5800H series wireless sensors (868 MHz)

Honeywell reserves the right to alter the specification of products without prior notice.

Honeywell