Galaxy® Dimension

Honeywell

A UNPARALLELED SOLUTION APPROVED FOR UK GOVERNMENT USE TO PROTECT OUR NATIONAL INFRASTRUCTURE

Intruder alarm control panel series

CPNI®
Centre for the Protection of National Infrastructure

Approved for UK Government Use, for details contact CPNI

Securing our nation's vital infrastructure assets

Whatever your business, the right level of protection for your people and assets is vital. For businesses whose services and products are essential for daily life in the UK, it is imperative that high security is put in place to protect our country's national infrastructure.

In Galaxy® Dimension, Honeywell offers you a high security solution that is approved and categorised as an appropriate security solution for UK government use to protect critical infrastructure assets.

What is Galaxy Dimension?

The Galaxy® Dimension series of security systems is a versatile high security intruder alarm solution for mid to large commercial security installations. It offers your customers a user-friendly system in a cost-effective and fully compliant package.

Offering maximum round the clock protection for any business no matter how large or complex, it provides superior flexibility and functionality using proven, dependable technology.

Each control panel in the Galaxy Dimension range comes with 16 on-board zones plus a powerful 2.5 amp power supply as standard. Systems can also be expanded up to 520 zones divided into 32 independent areas (Groups). A host of flexible programming functions allow the system to be tailored to the most demanding security requirements.

Why choose Galaxy® Dimension ?

✔   Approved for UK Government use, for details contact CPNI

✔   4 year warranty on control panels approved for UK Government use

✔   Fifty years industry experience

✔   Proven Galaxy® technology

✔   First class system support

✔   A long-term investment

✔   Flexibility, in line with your business needs

✔   Compatibility with existing systems

Approved for UK Government use.

4 year warranty on approved control panel series.

GALAXY® DIMENSION OFFERS TRUE PEACE OF MIND IN A SECURE AND RELIABLE SYSTEM.

Reliable security for high risk sites

The right choice for high risk security applications

Galaxy® technology is already the preferred system of choice across many sectors that have widely varying security system requirements, and its tried and trusted heritage makes Galaxy Dimension the ideal choice for high risk sites such as:

Government

Critical infrastructure

Healthcare

Banks & Financial Institutions

Airports

Seaports

Galaxy Dimension appears within the Catalogue of Security Equipment (CSE) alongside a number of accessories and peripherals from Honeywell. Please see page 8 of this brochure for dedicated part numbers approved for UK Government Projects.

Galaxy dimension offers the perfect solution for government, critical infrastructure, and other high security applications.
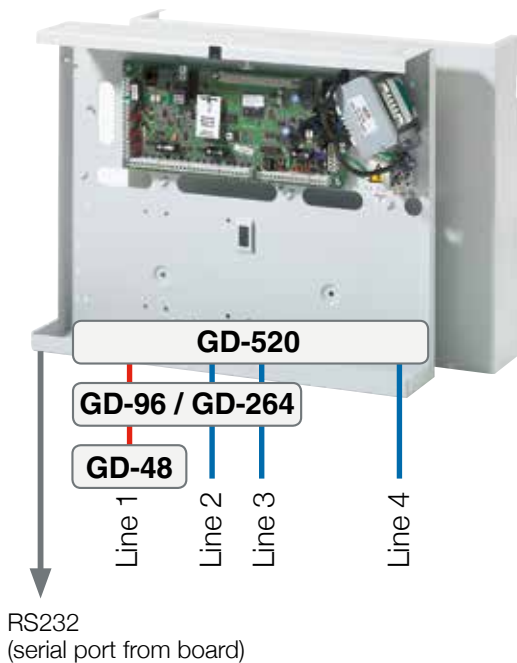

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Honeywell

Galaxy® Dimension

GD-520

GD-96 / GD-264

GD-48

Line 1 · Line 2 · Line 3 · Line 4

RS232
(serial port from board)

Features

✔ Up to 520 zones

✔ Protecting up to 32 groups

✔ Up to 1000 users

✔ Up to 67 weekly schedules available

✔ Up to 32 yearly holiday schedules

✔ Multi-language interface

✔ Up to 1500 event log

✔ Approved for UK Government Use

✔ 4 year warranty

✔ The Galaxy Dimension range has been independently tested and is compliant to EN50131-3:2009

Technical specifications

Description	GD-48	GD-96	GD-264	GD-520
Zones onboard (maximum)	16 - (48)	16 - (96)	16 - (264)	16 - (520)
Inclusive wireless zones	32	80	192	192
Outputs (400mA) on-board	8	8	8	8
Trigger outputs on flying lead (10mA)	6	6	6	6
Integrated PSU	2,5 A	2,5 A	2,5 A	2,5 A
Output Current rating	1.2A	1.2A	1.2A	1.2A
RS485 Databuses	1	2	2	4
Keypads (Keyprox)	8 (3)	16 (7)	16 (7)	32 (24)
Galaxy® TouchCenter keypad	1	2	2	4
Galaxy® TouchCenter keypad with Prox	1	2	2	4
Bus mounted prox readers (MAX)	4	16	16	32
DCMs with 2 x Wiegand interfaces	4	16	16	32
DCM controlled doors	8	32	32	64
Wireless Portals	4	8	8	8
Users	100	250	1000	1000
7 Day Timer Schedules	19	35	67	67
Zone types	52	52	52	52
O/P types	81	81	81	81
Library	Yes	Yes	Yes	Yes
Event Log	1000	1500	1500	1500
Access Log	500	1000	1000	1000
Multi-users	Yes	Yes	Yes	Yes
Autoset	Yes	Yes	Yes	Yes
Pre-Check	Yes	Yes	Yes	Yes
Timed Lockout	Yes	Yes	Yes	Yes
Links	64	128	256	256
Part Set	Yes	Yes	Yes	Yes
Silent Part Set	Yes	Yes	Yes	Yes
RS232	Built-in	Built-in	Built-in	Built-in
Integrated PSTN (V 22)	Built-in	Built-in	Built-in	Built-in
Printer Output	Via RS232	Via RS232	Via RS232	Via RS232
Remote Servicing	Yes	Yes	Yes	Yes
Ethernet module	Optional	Optional	Optional	Optional
GSM/GPRS module	Optional	Optional	Optional	Optional
Groups	8	16	32	32
Audio Verification channels	8	32	32	32
SMS text	Yes	Yes	Yes	Yes
ISDN	Optional	Optional	Optional	Optional
Mobile App*	Yes	Yes	Yes	Yes
EN50131	Compliant to EN50131-3:2009, EN50131-6:2008, PD6662:2010 and certified by a third party testing agency			

Honeywell accessories and sensors

In addition to the Galaxy Dimension series of control panels, a number of Honeywell accessories and sensors are also approved for UK government use and listed below:

Galaxy accessories

CP037-01 MK7 Galaxy Keypad

- Tactile backlit rubber buttons
- Full system control
- 32 alphanumeric backlit display
- Tamper protection
- Can be mounted directly to the panel up to distances of 1000m
- Set/unset with PIN
- Easy installation
- PD6662:2004/2010 EN50131- 1 Security Grade 3, Environmental Class II

C072 Galaxy RIO (Remote Input/Output) Module

This module provides zone and output expansion for Galaxy systems.

- 8 fully programmable zones
- 4 programmable outputs
- PD6662:2004/2010 EN50131- 1 Security Grade 3, Environmental Class II

P026-01-B Galaxy Power Rio

- Combines power supply and RIO in one enclosure (2.75A)
- Rated at 1.2A for Grade 3 compliance
- Reports AC, Battery, fuse and tamper via RS485
- Integrated RIO (8 inputs / 4 outputs)

For further information on any of the products listed in the CSE contact CPNI

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Sensors

IRS-509-VdS Infrared light barrier motion sensor

The light barrier system provides varied application opportunities. Application-specific light curtains can be realized using different sizes and swivel lenses. The infrared light barrier operates with modulated infrared signals. This type of transmission technology ensures an extremely high interference immunity so that even a false alarm signal due to sunlight is impossible.

Features

- VdS Class C approved for UK Government use
- Time-saving and simple one-man adjustment
- High tamper security
- Digital threshold control DTC
- Uninterrupted automatic synchronization
- Automatic gain control AGC
- Insensitive to changes in temperature
- Insensitive to sunlight and artificial light
- Multi-channel version
- Timeless, elegant design
- Inconspicuous mounting

IS3016A PIR Motion Sensor with Anti-Mask

Designed for mid to high-end commercial environments where Grade 3 systems may be required, the IS3016A Honeywell anti-mask motion sensor delivers reliable protection and improved false alarm immunity through patented solutions. This sensor provides superior performance through world-class mirror optics that provide more accurate detection, enhanced anti-masking capabilities, more robust pet immunity, and great high temperature performance. This performance combined with Honeywell's exclusive Snap & Set installation technology, provide outstanding premises protection while saving installers time and money through faster, easier installs.

Features

- EN Grade 3 & approved for UK Government Use
- Plug-in electronics
- Snap and select Integrated End-of-Line (EOL) resistors
- Snap flash light walk test
- Infrared anti-mask technology
- Extensive detection coverage - 16 x 22m range
- Advanced mirror optics
- Patented PIR signal analysis solution
- Patented look down solution
- Patented vibration solution
- Patented mounting solution
- Snap and Set installation technology
- High temperature detection

UK Government Ordering References:

Control Panels

C048-D-H1	Galaxy® Dimension GD-48 control panel with PSTN Dialler
C096-D-H1	Galaxy® Dimension GD-96 control panel with PSTN Dialler
C264-D-H1	Galaxy® Dimension GD-264 control panel with PSTN Dialler
C520-D-H1	Galaxy® Dimension GD-520 control panel with PSTN Dialler

Modules and accessories

CP037-01	MK7 Galaxy Keypad
C072	Galaxy RIO (Remote Input/Output)
P026-01-B	Galaxy Power Rio

Sensors

IRS-509-VdS	Infrared light barrier motion sensor (VdS Class C)
IS3016A	PIR Motion Sensor with Anti-Mask (Grade 3)

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