

Galaxy[®] Dimension



Integrated intrusion and door control panel range

The Galaxy[®] Dimension series of security systems is a fully integrated intrusion and door control security solution for mid to large commercial security installations. It offers your customers a user-friendly system in a cost-effective and fully compliant package. An innovative wireless capability offers high quality, reliable security solutions, with the flexibility to meet the needs of every commercial and industrial application.

Go wireless

Cabling can be impractical due to building aesthetics, or simply too expensive. By removing cabling, significant savings can be made on the total installation cost, particularly on larger installations. For users a wireless solution is less invasive and minimises disruption to their business. Galaxy Dimension's wireless options can be used with, or as an alternative to a wired solution, providing installers with additional business opportunities and significant cost and time savings.

A secure and reliable solution

Wireless is enabled using patented control panel software and up to eight RF portals in an installation. Our unique bi-directional radio and agile routing technologies, combined with Galaxy[®] reliability ensures that the wireless sensors and the control panel can talk to each other using the strongest available signal path. This, plus the sensors' 2km radio range in open field, makes our wireless solution a far more reliable and secure system, even for commercial environments.

A full range of wireless sensors offering new capabilities

Our comprehensive range of wireless peripherals is compatible with our core Dimension, Flex, G2 and Domonial intruder alarm panels. The wireless sensors address all of the needs of an intrusion system plus more with environmental, life safety and perimeter options. Key to this offer is our wireless DUAL TEC[®] sensor, which extends the benefits that dual technology provides in false alarm reduction to cover commercial environments. Two-way wireless key fobs allows users to instantly set or unset the system from in or outside the premises and view system status. This helps reduce user error and related false alarms. For installers, this full portfolio opens up new market opportunities and additional revenues. For users, it means greater reliability and the flexibility to customise the system to meet business needs. Furthermore, it saves the time and cost of installing cables, and minimises false alarms - leading to lower intervention costs.

Integrated solutions

Galaxy Dimension offers enhanced door control features within a single, integrated system. For the end user, it's easy to operate. For the installer, it's easy to programme, commission and maintain. Plus, a single system means one point of contact for customer and technical support. Galaxy[®] Dimension integrates with WINPAK[®] access control platform from Honeywell so that businesses can expand as they grow to full access control functionality managed via one single WINPAK user interface.

Features:

- Up to 520 zones
- Up to 64 doors controlled
- Protecting up to 32 groups
- Up to 1000 users
- Up to 67 weekly schedules available
- Up to 32 yearly holiday schedules
- Door access controlled by access templates and group set status
- Areas behind a door can be unset automatically via card reader
- Access event log with 1000 events recorded in panel (separate intruder log)
- GPRS, Ethernet, PSTN, USB communications options
- Groups can be set via door control readers
- Evacuation control will allow doors to unlock in the event of fire
- Up to 32 audio verification channels
- Multi-language interface
- The Galaxy Dimension range has been independently tested and is compliant to EN50131-3:2009, EN50131-6:2008, PD6662:2010.
- Compatible with all Wiegand readers
- Up to 8 wireless interface modules (RF portals)
- Up to 192 wireless zones
- Up to 100 key fobs
- Full bi-directional agile routing (patented technology)
- Full range of wired and wireless intrusion and environmental detectors

Flexible & reliable communications

To ensure fail-safe communications, multiple path communication options for alarm signalling include GPRS, Ethernet and standard telephone line (PSTN). These options also allow maximum flexibility and customisation to capitalise on existing network infrastructures and minimise disruption for customers.

Smart user interface

Using Galaxy TouchCenter false alarms are reduced as operation and system management are greatly simplified for users. Its large customisable colour touch-screen and intuitive menu gives clear, easy to read operating instructions; its integrated proximity function allows quick and secure setting and unsetting without the need for a PIN; and on screen help files are available at your fingertips. Installation and programming is easy, and installers benefit further from reduced training time and fewer engineer call outs. Enhanced controls allow centralised operation of lights, heating or electronic window blinds - either manually (using the touch screen) or automatically (via timer control).

Audio verification ('Listen-in' Facility)

With the new Galaxy[®] Dimension, the Alarm Receiving Centre (ARC) can listen in using independent audio channels to identify the specific location where the alarm has been triggered and verify source and cause. This reduces false alarms and increases system reliability.

Programming software compatibility

The Remote Servicing Suite (RSS) is a maintenance tool enabling complete remote control of the panel, allowing installers to give customers instant support. Installers can complete remote routine inspection reducing the need for time consuming and costly site visits. The RSS software uses a common database to communicate with all Galaxy[®] panels from one programme. A networked version of the Remote Servicing Suite offers access to up-to-date records for all users. This guarantees the secure management of information in one central location. Both wired and wireless components can take advantage of the easy remote diagnostics and maintenance functionality in this software.

The right choice

Galaxy Dimension enables you to offer your customers a user-friendly, integrated security solution that will meet all of their needs. Honeywell provides sales and marketing support and organises frequent training to boost system understanding and to ensure trouble-free installations every time.

Galaxy Dimension has been updated and independently tested to ensure compliance with EN50131-3:2009, EN50131-6:2008, PD6662:2010.

For more information on Galaxy[®] Dimension please go to www.honeywell.com/security/uk or contact our sales team using the details provided overleaf.

Attractive user interfaces

A range of Touchscreen, LCD Keypad and Keyprox options

- Compatible with Galaxy TouchCenter giving end users clear and easy to view touchscreen graphical display
- MK8 keypad offers a modern keypad and keyprox design with all the familiarity and functionality of the MK7 keypad
- Familiar MK7 keypad for installer programming across the range
- Proximity function across all user interfaces allows quick and secure set and unset without PIN code

Wireless system expander module - RF Portal

- Bi-directional wireless interface with full range of intrusion and environmental detectors
- 868MHz frequency
- Up to 8 wireless interface modules (RF portals)
- Up to 192 wireless zones and up to 100 key fobs
- Full bi-directional agile routing (patented technology)
- Compatible with all Honeywell Alpha protocol sensors



Power Units

Galaxy® Power Unit 2.75A

- Rated at 1.2A for Grade 3 compliance
- Reports AC, Battery, fuse and tamper via RS485

Galaxy® Power RIO 2.75A

- Rated at 1.2A for Grade 3 compliance
- Reports AC, Battery, fuse and tamper via RS485
- Integrated RIO (8 inputs/4 outputs)

Galaxy® RIO (Remote Input/Output)

Provides zone and output expansion for Galaxy® Systems

- 8 fully programmable zones
- 4 programmable outputs
- Tamper protection
- Rotary switch for setting module address

RS232 Cable

Enables communications between PCs or Printers and Galaxy® systems

DCM

- Door control module with two Wiegand inputs allows management of two doors
- Off line mode available for previous 100 valid users
- Users can be assigned to an Access Template giving an access time zone to each group (64 Access Templates available on GD-520)

On line 1 only

On lines 1, 2, 3 or 4

Proximity reader - MAX4

- Complete door control in a single unit
- Can be used as standalone or integrated into the Galaxy® control system
- Connected on RS485 bus

Flexible communications

- Ethernet and GPRS/GSM modules provide flexible alarm signalling and remote servicing options
- Enabled via Ethernet supporting TCP/IP protocol
- Enhanced dual path signalling options:
 - 1) Ethernet backed up by PSTN
 - 2) GPRS backed up by PSTN
 - 3) Ethernet backed up by GPRS

Galaxy® Ethernet Module

Provides alarm signalling and remote servicing support for Galaxy® systems via 10 Base T Ethernet LAN/WAN supporting TCP/IP protocol

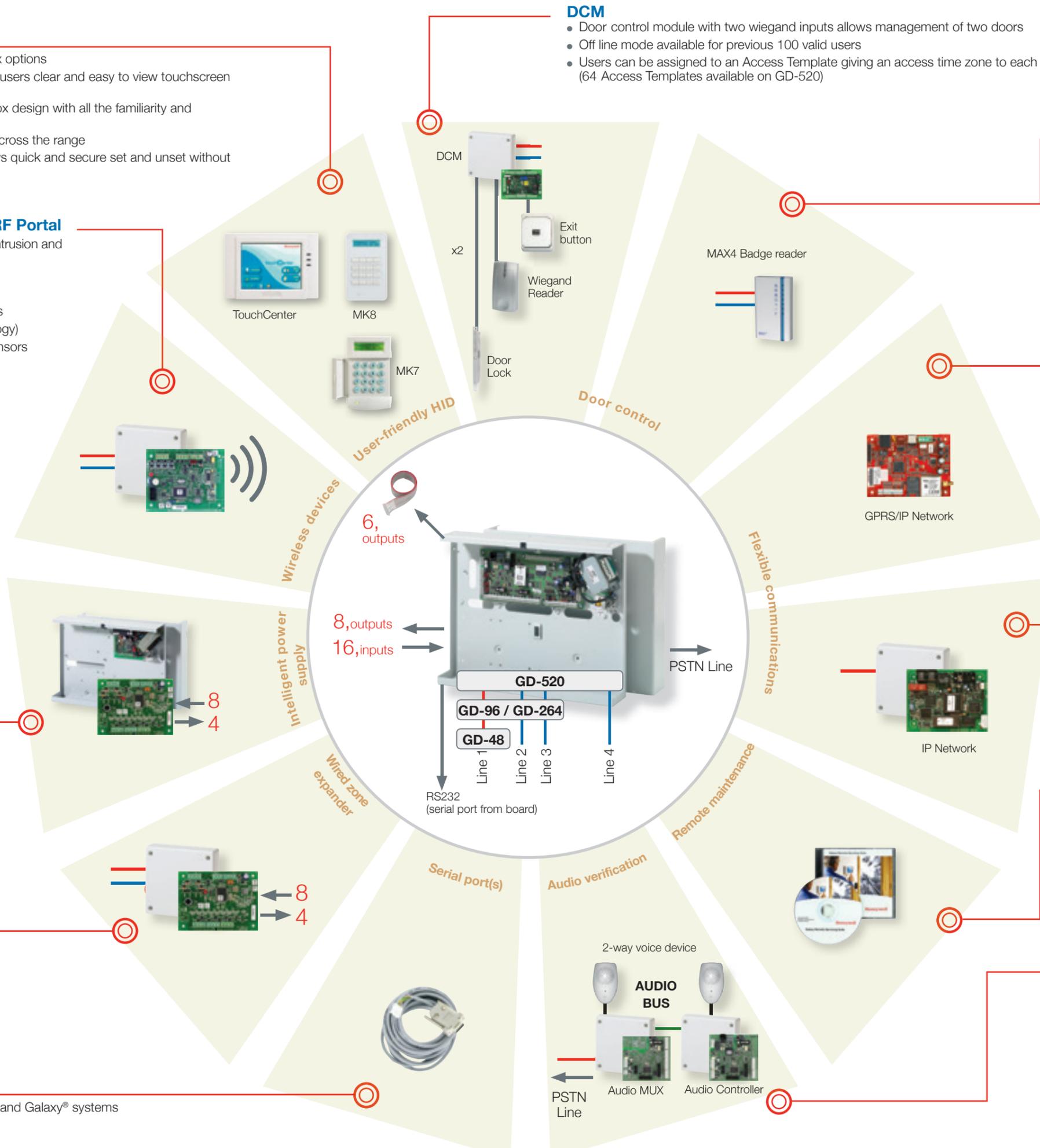
Remote Servicing Suite

Provides complete remote servicing capability including off-line programming, real-time control and diagnostic reporting

- Programming upload and download
- Event log and access log upload
- Remote Routine Inspection (RRI)
- Mimic panel for control functions
- Online keypad support

Audio devices

- Audio Controller PCB connects to panel and PSTN Phone line
- 2 audio channels as standard
- Digital Audio bus allows 8 additional audio MUX units
- Each MUX unit allows 4 analogue audio channels
- Each audio channel is mapped to 1 system group
- Optional 5-10 seconds of Pre and post-alarm recording is stored



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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 Databases	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
EN50131	Compliant to EN50131-3:2009, EN50131-6:2008, PD6662:2010 and certified by a third party testing agency			

Ordering:

Control Panels

C048-D¹-XX²	Galaxy® Dimension GD-48 control panel with PSTN Dialler
C096-D¹-XX²	Galaxy® Dimension GD-96 control panel with PSTN Dialler
C264-D¹-XX²	Galaxy® Dimension GD-264 control panel with PSTN Dialler
C520-D¹-XX²	Galaxy® Dimension GD-520 control panel with PSTN Dialler

¹ Control panel part numbers containing new "-D-" reference indicates compliance to EN50131-3: 2009 And PD6662:2004/2010 tested and certified by a third party testing agency.

² Market variant: XX = E1 for UK, Spain, Italy, Portugal, E2 for Benelux, E5 for France

³ Replacement Ethernet module E080-04 available from November 2012.

Find out more:

www.honeywell.com/security/uk
 Fax: +44 (0) 1698 738300
 Email: securitysales@Honeywell.com

Honeywell Security Group

Newhouse Industrial Estate
 Motherwell
 Lanarkshire
 ML1 5SB
 Scotland
 Tel: +44 (0) 844 8000 235

Ampèrestraat 41
 1446 TR Purmerend
 The Netherlands
 Tel: +31 (0) 299-410200
 www.honeywell.com

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User Interfaces

CP037-01	MK7 Keypad
CP038-01	MK7 Keypox
CP050-00-01	MK8 Keypad
CP051-00-01	MK8 Keypox
CP041-00	Galaxy TouchCenter
CP042-00	Galaxy TouchCenter with prox

Modules

E080-04 ³	Ethernet module
C079-2	RF portal in plastic housing
GT-20	IP Communications Module
GT-40	GPRS/IP Communications Module
C072	Galaxy RIO - 8 inputs/4 outputs
ISDN	network module
E054	RS232 module

Door Control

C080	DCM - Door controller
C081	DCM - Door controller with PSU
C086	USB card reader interface
MX04	MAX4 proximity reader
YX0-0004	MAX keytag
YX0-0020	ASK proximity keytag (grey)

Audio

C084	Audio interface module
C085	Audio MUX module
TP2-800GY	2 Way voice speaker-mic

Remote Servicing

A227	Galaxy® SPI key (Blank)
C087	SPI key programmer
R056-CD-L	Standalone Remote Servicing Suite (RSS)
R057-CD-DG	Remote Servicing Suite with USB dongle & client/server version
R058-CD-DG	User Management Suite (UMS) with USB dongle

Accessories

A079	Dual Battery Monitor
A161	Printer interface
A229	Outputs trigger lead
A234	Galaxy® RS232 cable
A303-S	Mounting bracket for GT-20/40 and E080-2 modules

Power Supply Units

P026-01-B	Galaxy power RIO
P025-01-B	Galaxy power unit

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

Honeywell