

Galaxy® Dimension



Integrated control panel range with new wireless solutions

The Galaxy® Dimension series of security systems is a fully integrated intrusion and access 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. There is now an innovative wireless capability available for intruder functions with Galaxy® Dimension. This offers high quality, reliable security solutions, with the flexibility to meet the needs of every commercial and industrial application.

A new Dimension in wireless security!

Cabling can be impractical due to building aesthetics, or the cost could simply be prohibitive. By removing cabling, significant savings of the total installation costs are possible - particularly for large installations. The larger the installation, the greater the cost savings. For users, wireless solutions offer a less invasive installation which minimises disruption to their business. Galaxy® Dimension now has exciting new wireless options that can be used as an alternative to a wired solution, offering extra business opportunities and significant cost and time savings.

A secure and reliable solution

The wireless offering is enabled by a new RF portal and patented technology in the control panel software. There can be up to eight RF portals in an installation. The powerful combination of our unique bi-directional radio technology, agile routing and 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, opening up wireless technology for commercial environments.

A full range of wireless sensors offering new capabilities

Our comprehensive range of wireless peripherals and detection devices are compatible with all of our core Dimension, G2 and Domonial intruder alarm panels. Galaxy® Dimension's wireless sensors address all of the needs of an intrusion system and more. Key to this offer is our new wireless dual tech sensor, which extends the benefits that dual technology provides in false alarm reduction to cover commercial environments. The wireless range is complemented by a full array of internal, perimeter and environmental protection devices. A two-way wireless key fob allows users to instantly set or unset the system from in or outside the premises and gives the system status. This helps to 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. For both, it saves the time and cost of installing cables, and minimises false alarms - leading to lower intervention costs.

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)
- Groups can be set via access control readers
- Evacuation control will allow doors to unlock in the event of fire
- Up to 32 audio verification channels
- Multi-language interface
- Compatible with all Wiegand readers
- Up to 8 wireless interface modules (RF portals)
- Up to 196 wireless zones
- Up to 100 key fobs
- Full bi-directional agile routing (patented technology)
- Full range of wired and wireless intrusion and environmental detectors

Integrated system (intrusion + access control)

Galaxy® Dimension offers enhanced access 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. For both, a single system means one point of contact for technical support. Galaxy® Dimension provides a good base for an access control system that can be easily expanded to include an intrusion capability as needs arise.

Smart user interface

The Galaxy®'s colour TouchCenter is easy to use, with an intuitive menu that gives clear options. Installers can customise the screen background with their own and the end user's images and logos. Enhanced controls allow the simple, centralised operation of lights, heating or electrically operated 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.

Extensive Honeywell support

As well as sales literature for the Galaxy® Dimension, Honeywell frequently organises free training sessions to boost system understanding and to ensure trouble-free installations every time.

The right choice

Galaxy® Dimension enables you to offer your customers a user-friendly, integrated security solution that will meet all of their needs. For more information on Galaxy® Dimension and its new wireless solutions, please go to www.honeywell.com/security/uk/wireless or contact our sales team using the details provided overleaf.

MK7 LCD keypad/keyprox

2 x 16 alphanumeric character display with integrated ASK prox reader (keyprox only) Allows the system to be set and unset by use of proximity card

Galaxy® Dimension TouchCenter

Touch-screen buttons with better guidance. More information can be displayed to make selections easy – for example, when setting groups. Event logs displayed as a scroll list for easier comprehension. Engineering access available via virtual emulation of standard keypad

NEW Wireless system expander module - RF Portal

- Bi-directional wireless interface
- 868MHz frequency
- Up to 8 wireless interface modules (RF portals)
- Up to 196 wireless zones
- Up to 100 key fobs
- Full bi-directional agile routing (patented technology)
- Full range of intrusion and environmental detectors
- 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

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

ISDN Module

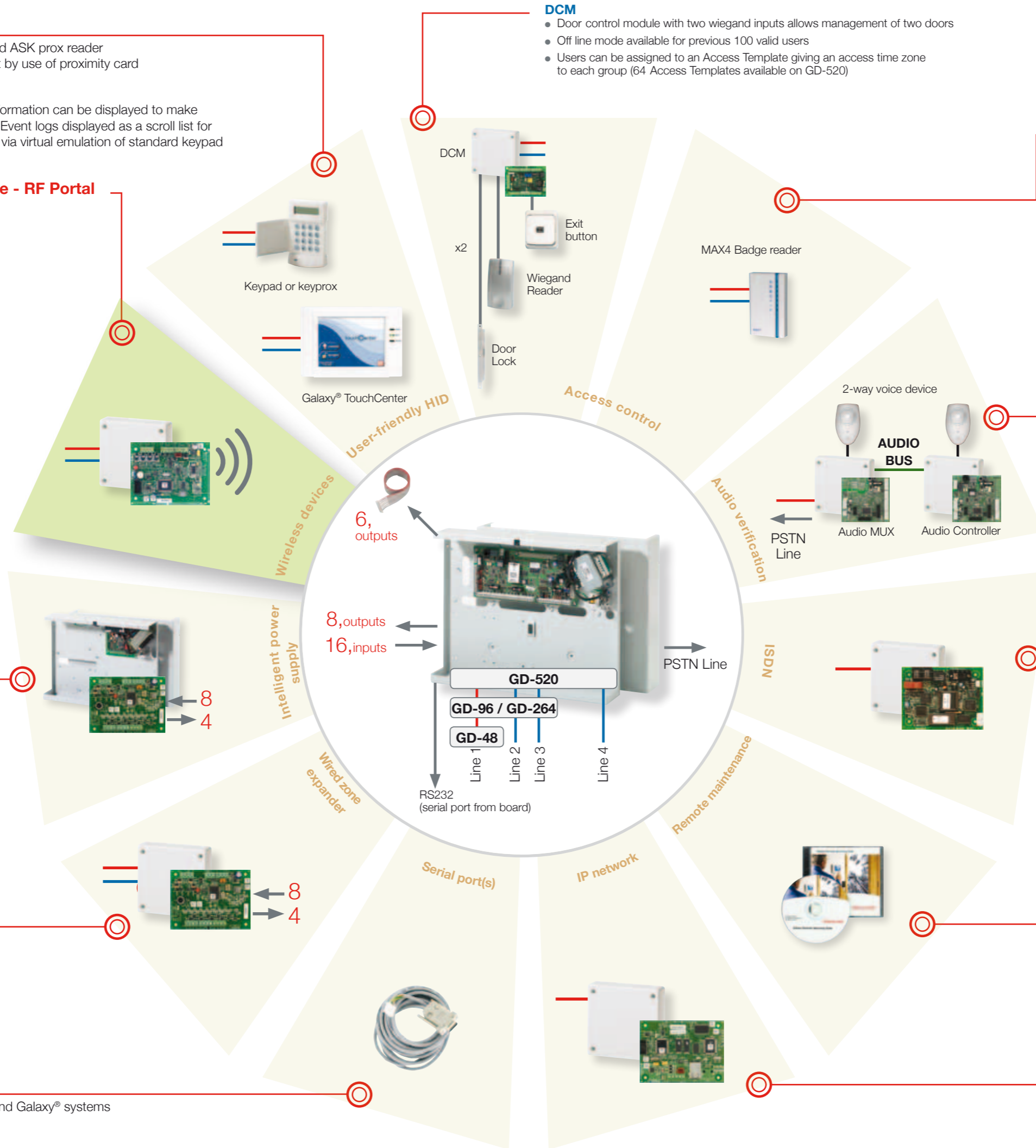
Optional communication modules for alarm signalling and remote servicing over ISDN networks

Remote Servicing Suite

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

Galaxy® Ethernet Module

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



Galaxy® Dimension

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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	196	196
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)
Graphics Keypad Galaxy® TouchCenter	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
Groups	8	16	32	32
Audio Verification channels	8	32	32	32
SMS text	Yes	Yes	Yes	Yes
ISDN	Optional	Optional	Optional	Optional
EN50131	Yes	Yes	Yes	Yes

Ordering:

Panels

C048-C-XX*	Galaxy® Dimension GD-48 control panel with PSTN Dialler
C096-C-XX*	Galaxy® Dimension GD-96 control panel with PSTN Dialler
C264-C-XX*	Galaxy® Dimension GD-264 control panel with PSTN Dialler
C520-C-XX*	Galaxy® Dimension GD-520 control panel with PSTN Dialler

Peripherals

CP037-XX*	LCD keypad MK7 II
CP038-XX*	LCD keyprox MK7 II
CP040-XX*	TouchCenter keypad

A227	Galaxy® SPI-key (Blank)
A229	Outputs trigger lead
A234	Galaxy® RS232 cable
C079-2	RF Portal - Wireless receiver
C072	RIO - 8 inputs/4 outputs module
C084	Audio controller module
C085	Audio Mux module
E054	RS232 module
E077	ISDN network module
E080	Ethernet module
C080	DCM - Door controller
C081	DCM - Door controller with PSU

(*) : Market variant: xx = E1 for UK, Spain, Italy, Portugal, E2 for Benelux, E5 for France

Find out more:

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