

Galaxy Dimension

Alarm & access control panel range



The new Galaxy Dimension series is the next generation of intruder alarms from the established Galaxy range. Based on the market leading Galaxy 3 series, it provides high quality, reliable security solutions for commercial and industrial applications.

New innovative user interface

The Galaxy colour TouchCenter facilitates easy user operation. An intuitive menu gives clear options, and event logs are displayed as a scroll list for easier comprehension. Installers can customise the screen background with their own and the end-user's images and logos. Enhanced controls allow simple centralised operation of electrical appliances such as lights, heating, or window blinds either manually using the touch-screen or automatically via timer control.

Integrated system (Intrusion + Access control)

Galaxy's latest version - Dimension - also now includes enhanced access control features. With one integrated system, operation is simpler for the end user and is easier for the installer to program, commission and maintain. Best for both, one system means one point of contact for technical support.

And always with Honeywell support

As well as sales literature, free training sessions are frequently organised to help system understanding and to ensure trouble free installations every time.

Programming software compatibility

The new Remote Servicing Suite uses a common database to communicate with all Galaxy panels from one program. A networked version of the Remote Servicing Suite is also available to allow access to up to date records for all users. It guarantees secure management of information in one central location.

Backwards compatibility

To allow upgrades of the existing install base, the Galaxy Dimension PCB is fully interchangeable with G3 so the new series of control panels is compatible with all previous Galaxy installations. Programmable zone configuration also allows easy replacement of competitor's panels in many cases.

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.

The right choice

Galaxy Dimension, allows you to offer your customer a user - friendly integrated security solution which delivers modern aesthetics in a cost-effective, fully compliant package.

Features:

- Up to 64 doors controlled
- Up to 1000 users
- Protecting up to 32 groups
- Up to 67 weekly schedules available, each with 28 events per week controlling access, auto-setting and output functions
- Up to 32 yearly holiday schedules each with 20 periods
- 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 by pressing the Menu Recall button before card swipe, or by triple swipe
- Evacuation control will allow doors to unlock in the event of fire
- A system keypad can be linked to each reader for Menu Recall function control
- Up to 32 audio verification channels
- Multi-language interface
- Compatible with all wiegand keypads that use 8-bit Burst mode

— On line 1 only
— On lines 1, 2, 3 or 4

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

Wireless system expander module - RF RIO

- Supports up to 32 wireless zones and 4 hardwired outputs
- 868MHz frequency
- Compatible with the 5800H wireless peripherals series

Power Units

Galaxy Power Unit 2.75A

- Reports AC, Battery, fuse and tamper via RS485

Galaxy Power RIO 2.75A

- 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 Module

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 G520)

Proximity reader - MAX3

- 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

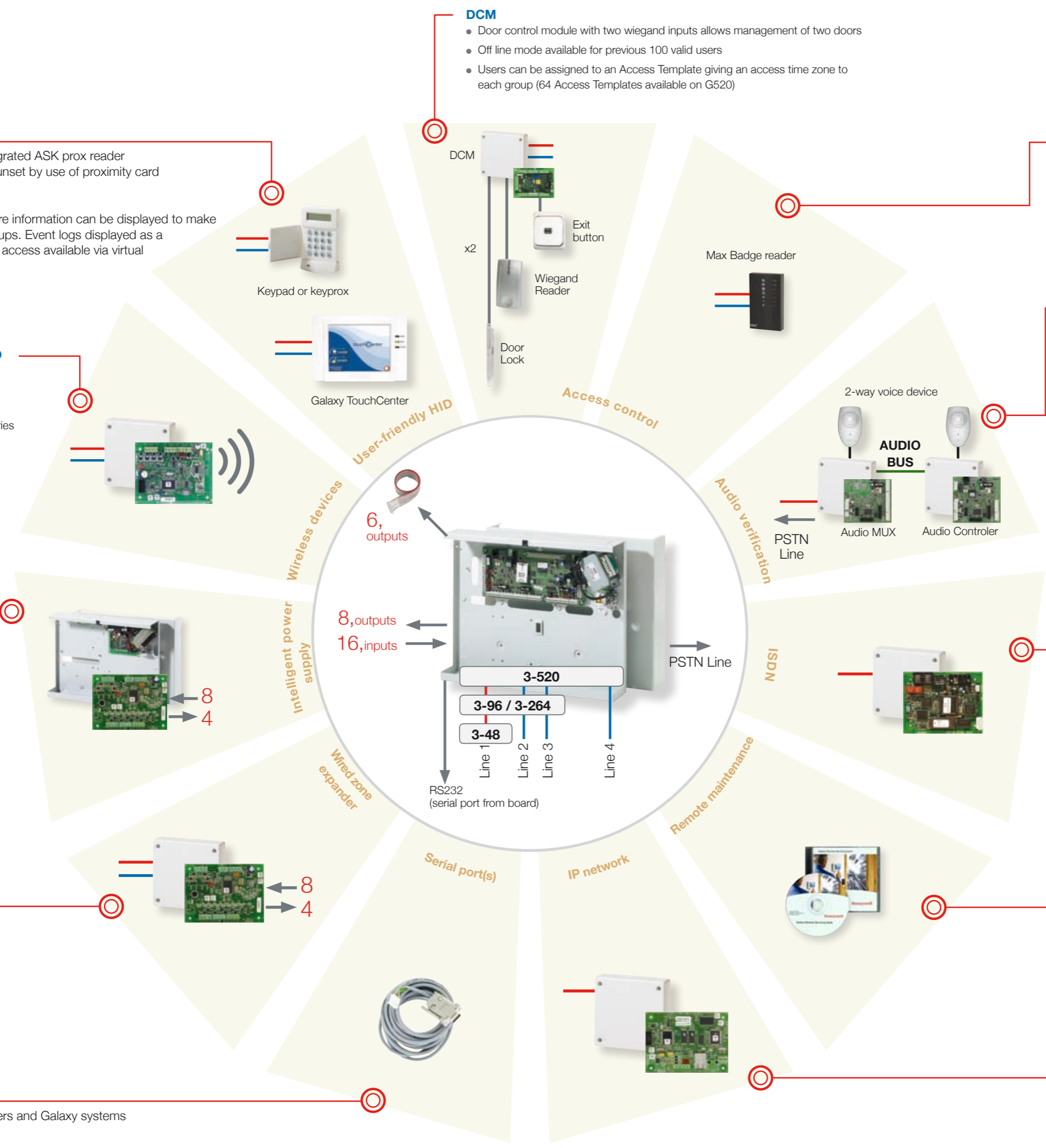
Optional communication modules for alarm signalling and remote servicing over ISDN networks

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



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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)
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
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	5800H Series via RF RIOs			
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 Dialer
C096-C-XX*	Galaxy Dimension GD-96 control panel with PSTN Dialer
C0264-C-XX*	Galaxy Dimension GD-264 control panel with PSTN Dialer
C0520-C-XX*	Galaxy Dimension GD-520 control panel with PSTN Dialer

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
C076	RF RIO - 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

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