

## Galaxy® Flex

NEW and improved V3.0 firmware

### Flexible control panel range for small to medium sized security installations

A new and improved Galaxy® Flex control panel series is now available from Honeywell. It is a fully integrated intruder and door control security solution that brings ease and flexibility to small to medium sized, Grade 2 security systems. Expansion costs are minimised thanks to 12 on-board zones which are totally customisable due to Galaxy Flex's modular panel design.

Galaxy Flex 20 is feature packed for small systems up to 20 zones, Flex 50 delivers high flexibility for small to mid size systems where ease of install and functionality are important and Flex 100 offers a highly competitive system for a greater number of zones and functionality.

### What's new?

#### Flexible communication options including IP

Multiple path communications options include PSTN, GSM, Internet or GPRS. In addition to easily configurable multi-path backup, the GPRS module can automatically switch to a different network to ensure a reliable communications link is maintained if signal is lost. Using the Flex GPRS solution provides significant savings over third party communicator solutions and cuts time and equipment to install. Full encryption is available on Ethernet and GPRS and receiver support is available via a range of common receiver solutions across Europe. Using existing communications paths minimises installation costs and intuitive communications programming facilitates an error-free set up. Full diagnostics means that installers are guided through the installation from set-up to testing thus avoiding time consuming trouble-shooting.

#### False alarm reduction using visual verification

Reducing false alarms through reliable confirmation of alarms is becoming a vital element of a security system. In addition to sequential and audio verification, Galaxy Flex offers image sequence verification to confirm alarms. Using the new ISN3010B4 camera PIR and Honeywell PE 1800IP alarm receiver, the Alarm Receiving Centre (ARC) receives a sequence of pre- and post- alarm images to distinguish between real and false alarm signals received. The ARC can then react to a genuine alarm and avoid penalties and costs associated with false alarms. Furthermore, images taken by the camera sensors can be used as proof of an intrusion and by the police to help trace and identify an intruder.

#### All in one box

To meet the ever increasing demands on resources, installers need look no further than Galaxy Flex to optimise installation and programming time and costs. Inside the panel housing are custom moulded fitments that accommodate wireless, communications, expansion and other modules that simply click in, therefore

### Features:

- **Robust, flame retardant housing**  
Radio, communications and other features housed inside the panel with convenient hinged/removable lid
- **Alarm verification by image sequence**
  - ISN3010B4 records around 100 images at 640 x 352 pixels
  - Up to 35 images per sequence with 10 image pre-alarm memory
  - Images received by Honeywell PE alarm receiver
- **Multiple communications options**  
GSM/GPRS, Ethernet, PSTN
- **Flexible expansion**  
Up to 100 wired or wireless zones  
Up to 98 users  
Up to 98 wireless key fobs  
Protecting up to 8 groups
- **Door control**  
Up to 4 door controllers (DCMs) controlling up to 8 doors  
Access event log records up to 1000 events  
Compatible with most Wiegand readers
- **Up to 4 annual holiday and weekly schedules available**
- **Firmware version v3.0**  
includes alarm verification with video, improved communications
- **3 User interfaces**  
TouchCenter, MK8 and traditional MK7 keypads/proxes
- **Back up battery**  
Supports efficient, space saving 10Ah battery design from Yuasa (REC10-12)
- **Resettable fuses (PTCs)**  
Integrated resettable fuses for Auxillary power supply and battery
- **Auto-detect function for faster installation**  
System automatically recognises when modules are added/removed from system when auto-detect mode is enabled
- **One comprehensive range** of wired and wireless intrusion and environmental detectors
- **Full compliance** and tested by a third party to meet EN50131, PD6662:2010, BS8243:2010, Security Grade 2, Environmental Class II standards



significantly reducing installation and cabling time and costs. Not only is it quick to install, the box is made of a robust fire-resistant polymer material which makes it less likely to be dented or damaged during installation.

#### No limits wireless

Take the wireless route when aesthetics are important or cabling is impractical or too expensive. Galaxy Flex offers the flexibility of wired and wireless in one robust system without compromising the reliability of the system thanks to Honeywell's proven bi-directional radio and agile routing technologies. These technologies extend the sensor battery life to up to 5 years and because the sensors auto-detect, installation is quick and easy.

#### USB Connect & Communicate

Onsite programming and testing is quick and easy using the on-board USB to connect via laptop to the Remote Serving Suite (RSS). Programming is quick and easy with Galaxy Flex's intuitive Windows programming interface.

#### Know one Galaxy, know them all

Because Galaxy Flex is based on the tried and trusted Galaxy® platform, it uses the same intuitive menu based programming as Galaxy Dimension. Installers need only learn one platform to meet the needs of the smallest to the largest security installations. Plus with a common range of peripherals, stock as well as training is minimised.

#### Lower system maintenance costs

Galaxy Flex can be monitored from a central location using Galaxy's Remote Servicing Suite (RSS) software so that installers can provide customers with instant support and improved service as well as saving their own time and money. Installers can monitor the system remotely with full automatic periodic transmission of diagnostics information so that they have a complete system health status at their fingertips, reducing the number of site visits so that they can focus resources on more lucrative new business opportunities. Whether it is a routine inspection, scheduled maintenance or even simply checking system status, it can be done remotely from a fixed or mobile location.

Galaxy Flex boasts many other features designed to ease installation and programming and maximise flexibility. These include advanced configuration programming through links and custom zones, clear and unambiguous connections, and standard cable for BUS wiring.

Galaxy Flex provides a feature-rich, flexible range of security solutions for small to medium-sized installations that require security Grade 2, EN50131, PD6662 compliance.

Choose Galaxy Flex and experience the ease and flexibility of Honeywell. Please visit [www.galaxyflex.com](http://www.galaxyflex.com) or contact our sales team using the details overleaf.

# Galaxy® Flex

Flexible control panel range for small to medium sized security installations

## Flexible communications for alarm signalling and remote servicing

- PSTN built-in plus the option of GSM/GPRS and Ethernet to plug-on
- Full configuration for multi-path back-up of alarm signalling using all available communication channels

## Alarm verification by image sequence

- Visually confirm alarms without the cost of a CCTV solution
- PIR camera with 100+ picture memory at 640 x 352 pixels and with colour/Black and white auto switch in low light and night illumination
- Fast reaction to record alarm images with pre-alarm frames
- Low-bandwidth of video clips mean transmission over GPRS is possible

## Remote maintenance

- 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

## 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 keypad for installer programming across the Galaxy range
- Proximity function across all user interfaces allows quick and secure set and unset without PIN code

## 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

## Door Control Module (DCM)

- Supports up to 4 door control modules
- Each door control module has 2 Wiegand inputs allowing management of 2 doors
- Door access controlled by access templates and up to 4 weekly and/or annual holiday schedules

IMPROVED

NEW

Remote maintenance

Levee de doute par l'image

Remote maintenance

User interfaces

Door control

Wired zone expander

External PSUs

Audio options

Expansion options

Wireless options

Standard connectivity

Communications options



## Standard connectivity

- USB enabled for direct connect to local PC using USB cable (mini USB port)



Mini USB cable connection



Ethernet module



GSM/GPRS module



RF portal



Trigger module

2-way voice device

PSTN Line

RS485 data line



Audio interface

## Wireless Options

- Bi-directional wireless interface with full range of intrusion and environmental detectors
- 868MHz frequency
- Up to 8 wireless interface modules (RF portals)
- Up to 100 wireless zones and up to 98 key fobs
- Full bi-directional agile routing (patented technology)
- Compatible with all Honeywell Alpha protocol sensors



## Expansion Options

- Clip in module expansion slots
- Allows total customisation depending on security needs
- Designed to host trigger and other new modules

## Audio interface module

- Links 2 audio channels to provide audio verification following an alarm activation
- Audio interface PCB connects to panel and PSTN Phone line
- Up to 34 audio channels with audio MUX (4 channels per module)
- Individual zones can be mapped to audio channels
- Optional 5-10 seconds of Pre and post-alarm recording is stored

RS485 data line

## External Power Supply Units (PSUs)

- **Galaxy® Power RIO 2.75A**
- Rated at 1.0A
- Reports AC, Battery, fuse and tamper via RS485)
- Integrated RIO version includes 8 inputs/4 outputs

## Galaxy® RIO

Provides zone and output expansion for Galaxy Systems

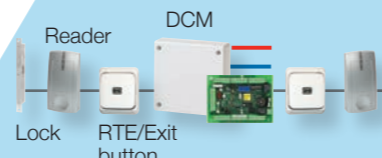
- 8 fully programmable zones
- 4 programmable outputs
- Tamper protection
- Rotary switch for setting module address



8 Inputs  
4 Outputs



8 Zones  
4 Outputs



Remote Servicing Suite (RSS)  
User Management Suite (UMS)



Camera PIR sensor

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## Technical Specifications:

Description	FX020	FX050	FX100
Zones on board (Wired/Wireless)	12 - 20	12 - 52	12 - 100
Wireless transceiver/RF portal	8	8	8
Outputs—switched (with trigger module)	3-7 (15)	3-23 (31)	3-47 (55)
Trigger outputs—relay	0-1	0-1	0-1
Integrated PSU	1A <sup>1</sup>	1A <sup>1</sup>	1A <sup>1</sup>
Output current rating (EN50131 / Security Grade 2)	0.7	0.7	0.7
Keypads/Keyprox	4	4	8
Galaxy TouchCenter/ prox	1	1	1
Bus mounted prox readers	4	8	8
Door controllers (DCM)	2	4	4
DCM controlled doors	4	8	8
Users	23	48	98
Multi-users	4	4	4
7 day timer schedules (Autoset & Access)	2	4	4
Event log	500	500	1000
Access log	500	500	1000
Access control groups (user templates)	5	10	20
Speaker driver	Yes	Yes	Yes
Local communication interface	USB	USB	USB
Groups/Zones	3	4	8
Part set per group	1	1	1
Silent set option	Yes	Yes	Yes
Links	5	5	5
RS485 databuses	1	1	1
SMS text	Yes	Yes	Yes
Library	Yes	Yes	Yes
<b>Visual Verification</b>			
Camera PIR capacity	5	5	5
<b>Communication options</b>			
PSTN	onboard	onboard	onboard
Ethernet	optional	optional	optional
GSM/GPRS	optional	optional	optional
<b>Audio options</b>			
2-way voice option	34 speaker channels	34 speaker channels	34 speaker channels
<b>Mechanics</b>			
Dimensions (h x w x d)	333 x 337 x 93mm		
Weight (excluding battery and in-box peripherals)	1.8 kg		
Approvals	Suitable for use in systems complying to EN50131-1: 2006 +A1:2009 and tested to EN50131-3: 2009; Security Grade 2; Environmental Class II; PD6662/2010: BS8243:2010		

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

1 - a 2A panel variant is available - ask your local sales representative for details.



### Find out more:

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## Order References:

### Control Panels & Kits

C005-M-E2	Galaxy Flex FX020
C006-M-E2	Galaxy Flex FX050
C007-M-E2	Galaxy Flex FX100
C005-E2-K01	Flex 20 Panel (10Ah) + Mk7 Keypad
C005-E2-K01G	Flex 20 Panel (10Ah) + Mk7 Keypad + GPRS
C005-E2-K02	Flex 20 Panel 10Ah Box + Mk7 Keyprox
C005-E2-K02G	Flex 20 Panel (10Ah) + Mk7 Keyprox + GPRS
C005-E2-K03	Flex 20 Panel 10Ah Box + Mk8 Keypad
C005-E2-K04	Flex 20 Panel 10Ah Box + Mk8 Keyprox
C006-E2-K03	Flex 50 Panel 10Ah Box + Mk8 Keypad
C006-E2-K04	Flex 50 Panel 10Ah Box + Mk8 Keyprox

### User Interfaces

CP037-00	Mk7 Keypad
CP038-00	Mk7 Keyprox
CP050-00-01	Mk8 Keypad
CP051-00-01	Mk8 Keyprox
CP041-00	Galaxy TouchCenter
CP042-00	Galaxy TouchCenter prox

### Modules

A083-00-01*	Ethernet module
A073-00-01	Direct mount RF portal PCB
C079-2	RF portal in plastic housing
A081-00-01*	GSM/GPRS module
A071-00-01*	Galaxy Flex trigger module
A074-00-01	Output Option Board (Relay Interface)
C072	Galaxy RIO - 8 inputs/4 outputs

### Alarm Verification by Image Sequence\*

ISN3010B4	Camera PIR sensor
PE1800IP	Alarm Receiver

### Door Control

C080-00	DCM - Door controller
C081-00	DCM - Door controller with PSU
MX04	MAX4 proximity reader

### Remote Servicing

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

### Power Supply Units

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

### Audio

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

\* Available on Flex panels with firmware version 3.0 onwards