Gen4 Intruder Alarm Panels

Honeywell

SIMPLY SECURE

For Residential & Small Commercial Applications

Overview and features

A haven of peace and security – that's what your home should be, but when it really matters it's best to be safe, not sorry. An unprotected property is a vulnerable one at any time, day or night. Every home needs the protection of a reliable alarm system, but sometimes people are put off by the prospect of false alarms or complicated setting procedures.

At Honeywell we understand these concerns. Honeywell ADE Optima and Accenta products have been installed in over 3 million homes in the UK. The Gen4 range offers the installer the reliability of a wired system, conforming to CE specifications, and offers a wide range of accessories in a cost-effective package.

It's user-friendly LCD keypad with intuitive menu interface makes installation, programming and operation easy.

Homeowners will feel safe and satisfied with their robust, easy to operate Gen4 security system.

8 Zones
Each one is separately identified on the keypad and provides ample security detection for most domestic properties.

3 part set programs
Allows three programmed setting levels dependent on the people in the property or the level of protection required, eg. night-time with upstairs detectors off and perimeter detectors on.

Simple set readers for ease of operation
Up to 4 stylish readers can be used to SET/UNSET the system using a proximity keyfob. Ideal for young, elderly or disabled users.

Personal attack facility
Panic Alert (PA) buttons may be used to activate the system in an emergency. An additional PA facility exists on the remote keypads. Up to four slimline keypads can operate the system from any point in the property.

5 Digital-Outputs
For a wire-in digital communicator, RedCare STU or Speech Dialler. This allows the system to send messages to the homeowners phones. (not fitted on Optima Compact Gen4).

LCD Keypad
The LCD remote keypad operates with the Accenta and Optima Gen4 intruder systems. Up to four LED or LCD keypads can be connected to the system. The large 2x16 characters with backlight display provide a full status indication and the keypad plays entry and exit tones.

Fire Zone
Zones 7 and 8 may be programmed as a 24 Hour Fire Zone operating all of the time except during engineer mode.

250-event log

The last 250 events to have occurred are stored in the memory and can be displayed, with their date and time, on the LCD remote keypad screen.

Duress Code

Allows the user to unset the system and silence the alarm under duress, using a second code that will communicate an alarm to an Alarm Receiving Centre.

Chime

Can be used to select a low security chime alarm for various areas of your house, even when the main alarm is turned off. When a door is opened or a detector triggered in an area set to chime, the control panel will deliver a low-volume 'bing-bong' sound to alert you. This is ideal for areas that require low level monitoring.

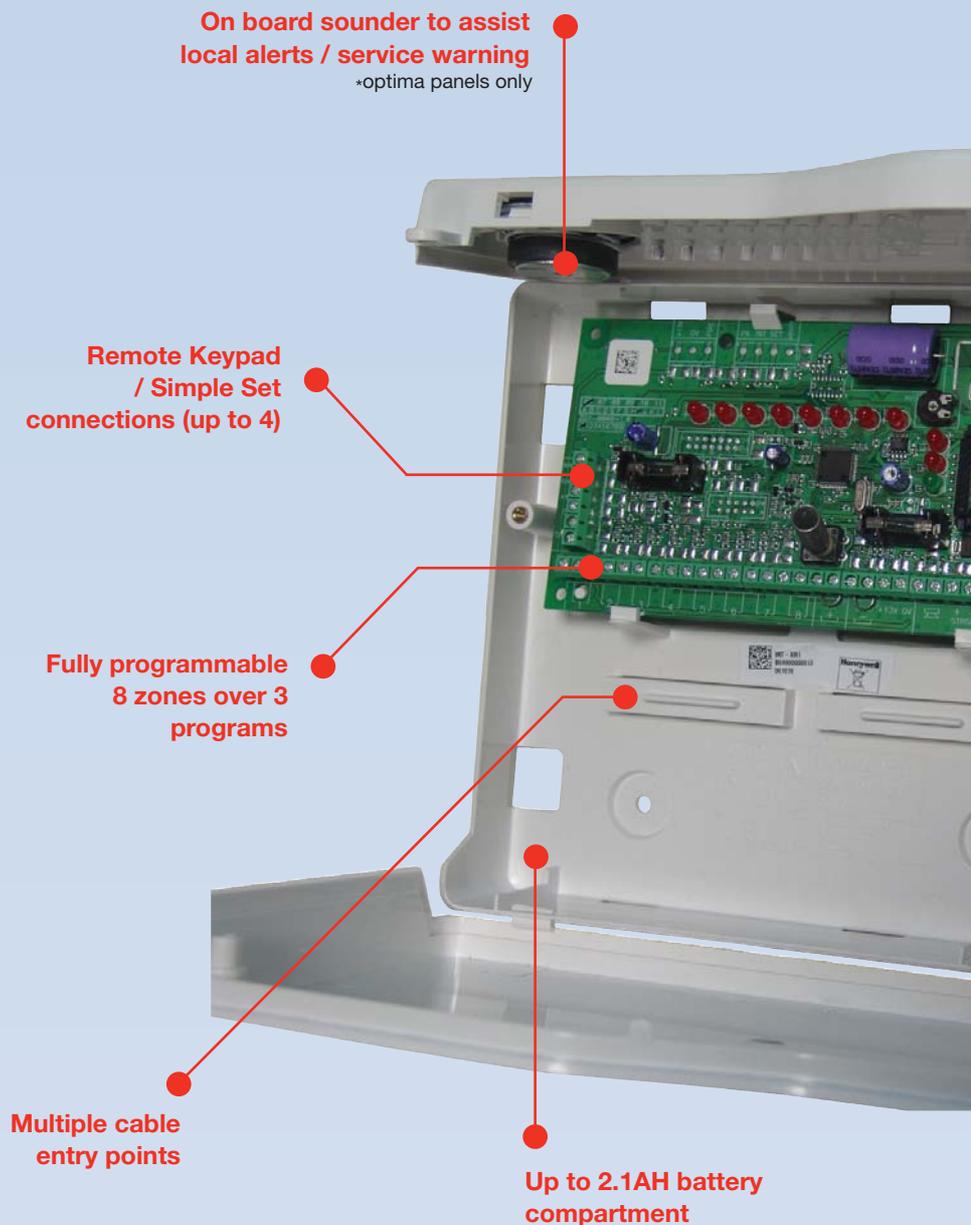**Zone names selectable from the library**

This option is accessible from the LCD remote keypad and allows the installer to assign descriptors from a 22-name library to each of the eight zones.

Built-in tamper control

To protect all wiring and detectors in the system from unauthorised access including the control panel and remote keypad covers.
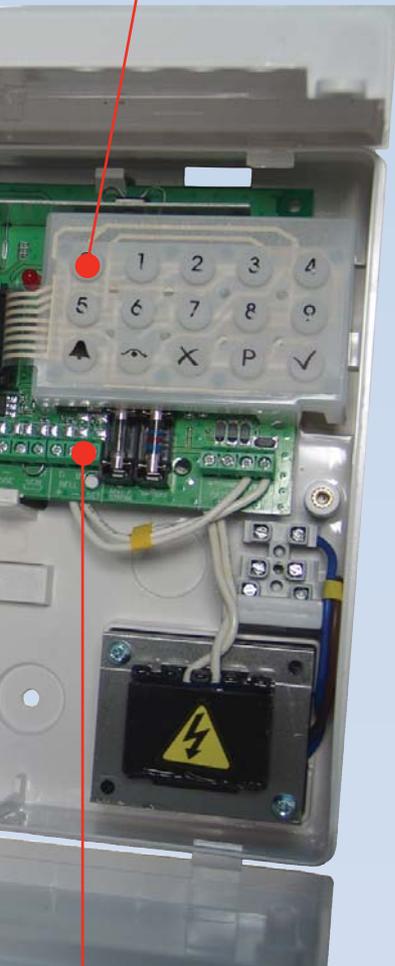
Icon Keypad for ease of use

Now supplied with icon keypad for ease of use particularly for users with visual impairments or those whose native language is not English.

On board sounder to assist local alerts / service warning
*optima panels only

Remote Keypad / Simple Set connections (up to 4)

Fully programmable 8 zones over 3 programs

Multiple cable entry points

Up to 2.1AH battery compartment

- Styled robust polycarbonate enclosure
- Digital communicator outputs
- Supports speech dialler extension
- Non Volatile Memory (NVM) for protection of engineer program
- Tamper protection
- Panic attack input
- Extension speaker capability
- Fuse protected outputs

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On-board keypad with Backlighting (Optima Variants only)

Accenta Metal Gen4
8 Zone
Remote LCD Keypad
Communicating
Large Metal Case

Accenta Gen4 mini
8 Zone
Remote LED Keypad
Communicating
Compact case

Optima Compact Gen4
8 Zone
On-Board Keypad
Compact case

Bell / Strobe outputs

Part No.	Description
8EP396A-UK	Optima Compact Gen4
8SP399A-UK	Accenta Mini Gen4 with LCD keypad
8SP400A-UK	Accenta Mini Gen4 with LED keypad
8SP401A-UK	Accenta Gen4 with LED keypad
8SP411A-UK	Accenta Gen4 with LCD keypad
8SP419A-UK	Accenta Metal Gen4 with LCD keypad
8SP420A-UK	Accenta Metal Gen4 with LED keypad
LGSIX/01	LOGIC 6

Accessories

Accenta LED Remote Keypad

- Up to four keypads per control panel
- Illuminated keys
- Can be mixed with Accenta LCD keypads
- On-board PA facility
- Full LED status indication
- Entry / Exit tones

Keypad Type	LED
Operating Voltage	11 to 15V
Current Consumption	40mA
Temperature Range	0 to 50°C
Construction	White 3mm polycarbonate
Dimensions (h x w x d)	85 x 122 x 28mm

Part No	Description
8EP416-EU	Suitable for use on Optima Compact Gen4, Accenta Gen4, Accenta Mini Gen4

Accenta LCD Remote Keypad

- Up to four keypads per control panel
- Can be mixed with Accenta LED keypad
- Full LCD status indication
- Illuminated keys
- PA keys
- Entry/Exit tones

Keypad Type	2x16 characters LCD English text display
Operating Voltage	10.5V to 14.8V
Current Consumption	70mA max
Temperature Range	0 to 50°C
Construction	White 3mm polycarbonate
Dimensions (h x w x d)	105 x 135 x 26mm

Part No	Description
8EP417A-EU	Suitable for use on Optima Compact Gen4, Accenta Gen4, Accenta Mini Gen4

Informa speech dialler

- 3 phone numbers + follow me
- Recorded message stored in memory
- Master message + 3 trigger messages
- 20 seconds message recording
- Trigger inhibit for use with Bells only alarm systems
- Last event memory recall

Negative Input Trigger voltage	<1.0V
Positive Input Trigger voltage	3.5V to 15V max
Current Consumption	50mA quiescent (200mA maximum when operating)
Message Length	20 Seconds (11 seconds master, 3 seconds per trigger message)
Dialling Method	DTMF (tone)
Ren Value	REN = 1
Dimensions (h x w x d)	115 x 148 x 32mm
Operating Temperature	0 to 60°C

Part No	Description
8EP276A-UK	Suitable for use with any control panel from the Honeywell range

Simple set reader / keyfob

- Up to 4 Simple Set readers per panel
- No Master Keyfob for ease of programming
- Can be mixed with Accenta keypads
- Relay output for keyswitch input panels
- Up to 8 Keyfobs per Reader
- Full mimic of panel / keypad sounds

Reader

Operating Voltage	11 to 15V from Panel	Reading Distance	Nominally 20mm
Current Consumption	100mA max	Relay Contacts	100mA max current capability
Construction	White 2mm ABS	Dimensions (h x w x d)	84 x 118 x 22mm

Keyfob

Power	Inductively powered (no batteries)	Material	Polycarbonate

Part No	Description	Part No	Description
SS/01	Reader with 2 keyfobs	SS/F	Keyfob

8EP407N-UK Pet Tolerant Kit

1x 8SP399A-UK Accenta Mini Gen4 control panel with LCD keypad
3x 8IR103 Activ8 pet tolerant PIR sensors
2x AC035 Door contacts
1x AC030 Panic button
1x AC066 100m 6 core cable
1x 8EP420 Reson8 bell box
1x UL1213 1.2Ah battery

Specifications	Optima Compact Gen4	Accenta Gen4 / Metal Gen4	Accenta Mini Gen4
On board keypad & display	Yes	No	No
Simple Set Interface	Yes		
RKP Indication	Yes (not supplied)	Yes (supplied)	
8 Zones	+ve loop, fully programmable		
Tamper	-ve loop global		
PA	-ve loop		
Bell Output	12V latching, timed 1 to 99 minutes		
Strobe Output	12V		
Extension Speaker	Max two 16 Ohm		
Entry/Exit Timers	Programmable 10 to 990 seconds		
Zone Input Delay	300 or 800ms selectable		
Set +ve Output	Source 10mA, sink 40mA		
CPU Current consumption (standby)	55mA	45mA	
RKP Current consumption (standby)	25mA		
Low voltage output	13V +/- 5%		
Rechargeable battery	Up to 2.1Ah	Up to 7Ah	Up to 2.1Ah
Communicator outputs	No	Yes	Yes
Communicator output types	Intruder, PA, Fire, Abort, Set		
PCB Fuses	1 x 1.6A, 3 x 1.0A		
Mains input fuse	125mA anti-surge		
Total current output	1 Amp when supported by fully charged battery		
Mains supply voltage	230V +/- 10%		
RKP wiring	6 core Max distance 100m		
Dimensions CPU (h x w x d)	200 x 253 x 55mm	230 x 290 x 80mm (Accenta Gen4)	200 x 253 x 55mm
		255 x 300 x 85mm (Accenta Metal Gen4)	

For more information:

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