



SINGLE CHANNEL QUAD PIR WITH INTEGRAL  
PINHOLE CAMERA AND MICROPHONE

**The options of PIRs with internal  
covert colour or monochrome  
cameras allows for surveillance of  
critical business areas**

# Activ8 Mono/Colour PIR series



The Activ8 range of internal movement detectors offers a simple, reliable and cost effective solution to meet the requirements of the majority of installation needs. With high precision sealed optics as standard, full microprocessor control and the streamlined low-profile aesthetic design, your choice of detectors has just been made easier.

## **Pet Immunity as Standard**

Pet immunity option, selectable for up to 15Kg or up to 25Kg

## **Quad Element PIRs**

All Activ8 PIRs are Quad (four element) PIR sensors.

## **Adjustable Pulse Count**

Variable pulse counting to minimise false alarms.

## **Full compliance with EN Standards**

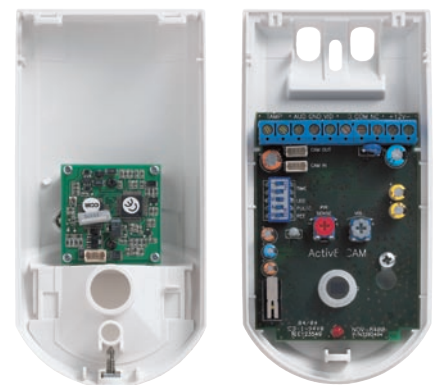
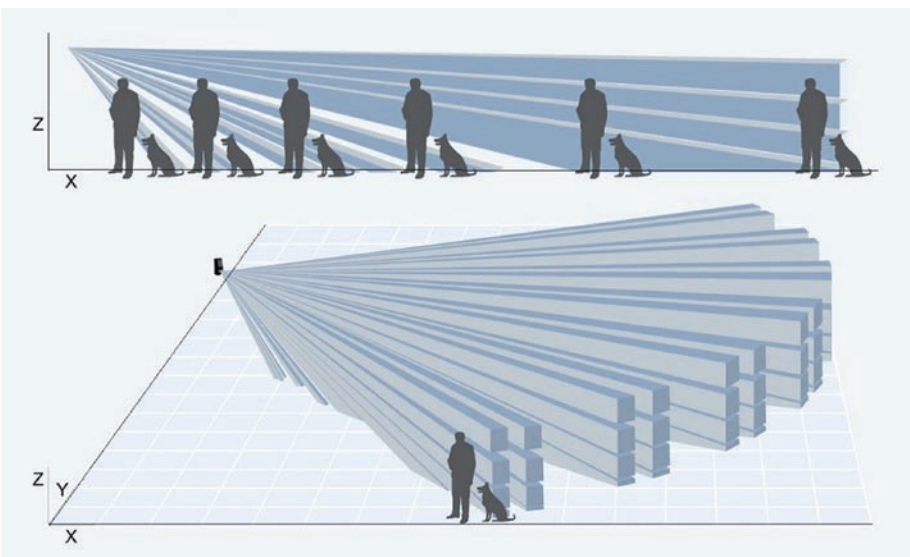
Designed in accordance with EN50130-4:1995 and EN61000-6-3:2001, Class B, Security Grade 2, Environmental Class II to meet all current legislative requirements.

## **Additional White Light Filtration**

Supplied with additional white light filtration which can be fitted if required for harsh environments.

## **Easy Installation**

Knockouts top and bottom and optional dual-purpose ceiling and wall surface-mounted bracket, allows for easy installation.



# Features



## Activ8 Mono: single channel quad PIR with integral monochrome pinhole camera and microphone

- Camera operates in light levels as low as 0.5 Lux
- Selectable pet immunity weights
- 18m x 18m PIR detection range
- Variable pulse width and PIR sensitivity adjustments
- Complete with adjustable ceiling/wall mounting bracket



## Activ8 Colour: single channel quad PIR with integral colour pinhole camera and microphone

- Camera operates in low light levels as low as 0.5 Lux
- Selectable pet immunity weights
- 18m x 18m PIR detection range
- Variable pulse width and PIR sensitivity adjustments
- Complete with adjustable ceiling/wall mounting bracket

SPECIFICATIONS	Activ8 Mono	Activ8 Colour
Detection Method	Quad Element PIR Mono Pinhole Camera	Quad Element PIR Colour Pinhole Camera
Channels	Single Channel	
Operating Voltage Range	7.8 - 16V DC	
Current Consumption (at 12V)	115ma	135ma
Tamper Switch	N/C Contact, Opens on Cover Removal, 28V DC 0.1A (Maximum)	
Alarm Output(s)	1 x N/C, 1 x N/O	
Detection Speed	0.15 - 3.6m/sec	
Pulse Count	Adjustable Pulse Count via Internal Jumpers / DIP Switch – 1-Auto	
Sensitivity Adjustment	PIR Sensitivity	
Alarm Period	2 Seconds	
LED Indication	Red LED – On during alarm	
Warm-up Period	60s (± 10s)	
Temperature Compensation	Yes - No False Alarm (Temperature change 1°C per minute from 25°C to 40°C)	
Operating Temperature	-20 to +50°C	
Environmental Humidity	95% Non-Condensing	
RFI Protection	30V/m 10-1000MHz	
EMI Protection	50,000V	
Pet Immunity (Kg)	Selectable 15Kg or 25Kg	
PIR Dimensions h x w x d (mm)	121 x 60 x 37	
Weight (g)	130	130
Carton Dimensions h x w x d (mm)	122 x 61 x 75	
Packed Weight (g)	135	
Image Pickup	1/3" CCD	
TV System	PAL	CCIR
Camera Pixel Resolution	500 (H) x 582 (V)	
Number of TV Lines	380	420
Minimum Illumination	0.5 Lux. F2.0	Low Lux. F1.2
Video Output	1.0V ptp, 75 Ohm	
Electronic Shutter Speed	1/50 – 1/100,000 sec	
Power Supply	12V DC	
Lens	4.3mm (CON)	
Audio Output Level	1V ptp, 600 Ohm	
Audio Frequency Response	20Hz to 20kHz	
Mounting Height	1.8 - 2.4m	
Physical Mounting	Complete with Ceiling/Wall Mounting Bracket	
Colour	Matt White (RAL 9003)	
Coverage	18m x 18m, 89.4°	
Part Number	8IR120	8IR125

**Honeywell Security & Custom Electronics**

Newhouse Industrial Estate

Motherwell

Lanarkshire

ML1 5SB

Tel +44 (0)1698 738200

Fax +44 (0)1698 738300

[www.honeywell.com/security/uk/intruder](http://www.honeywell.com/security/uk/intruder)

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