

# Viewguard PIR



## Motion detectors

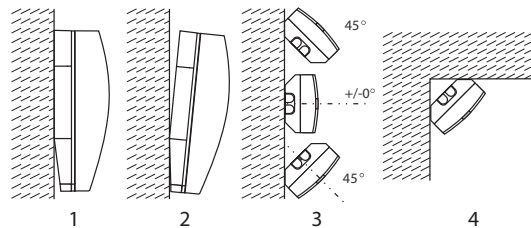
The Viewguard PIR detectors are motion detectors using passive infrared technology.

To ensure optimum detection, detectors are equipped with high-quality mirror optics. Standard equipment includes a mirror area for optics. If required, the detectors can be retro-fitted to long-range or curtain optics with accessories that are available separately.

The detectors are suitable for intruder alarm panels with conventional technology and are available with or without Anit-Mask function (monitoring against covering).

## Performance features:

- Approvals / conformity
  - Viewguard PIR AM FAI:
    - VdS approval Class C (pending)
    - EN 50131-1 and DIN CLC/TS 50131-2-2 grade 3
  - Viewguard PIR FAI:
    - VdS approval Class B (pending)
    - EN 50131-1 and DIN CLC/TS 50131-2-2 grade 2
- Anti-Mask function (only AM detectors)
  - Detects covering, spraying or taping of the foil.
- LED indication
  - Clear indication of operating mode via two LEDs.
  - Walk test indication.
- FAI-logic (First alarm indication)
  - The detector that is triggered first, can be identified with the aid of the LED indication.
- Walk test function
  - Easy way to check function and detection area.
- Detection range
  - Range programmable in four stages.
- Detection sensitivity
  - Sensitivity programmable in two stages.
- Memory
  - Save: Fault is saved until it is cleared.
  - Do not save: Fault signal is reset automatically after eliminating the fault.
- Self-test (only AM detectors)
  - Correct functioning of the detector is monitored in cycles.
- Monitoring of operating voltage
  - Fault message if the operating voltage drops too low.
- Pry-off and cover tamper
  - For installation as per DIN CLC/TS 50131-2-2 grade 3
- Various mounting options (see illustration)
  - Vertical 0° (1) or at a 3° downward angle (2).
  - Horizontal 0° or at a 45° angle to the left or right (3).
  - Corner mounting (4).
  - Mounting on adjustable joint (accessories).



# Viewguard PIR






## Motion detectors

Technical data	
Operating voltage Vnom	12 VDC
Operating voltage range	8.0 V to 15 VDC
Current consumption at Vnom=12 VDC	PIR : 0,6mA LED: 4mA
Detection range	programmable in four stages
Detection sensitivity	programmable in two stages (normal / high)
PIR sensor	temperature compensation
Anti-Mask function (only AM detectors)	up to 30 cm
Alarm- and fault contact	15 VDC / 0.1 A, Internal resistance $\leq 25 \Omega$
Tamper contact	15 VDC / 0.1 A, Internal resistance $\leq 10 \Omega$
Protection category as per EN 60529	IP 30
Environmental class as per VdS	II
Operating temperature range	-10 °C to +55 °C
Storage temperature range	-25 °C to +70 °C
Dimensions W x H x D	64 x 130 x 48 mm
Colour	White (similar to RAL 9010)

### Ordering information:

Item no.	Description
033430	Viewguard PIR AM FAI
033330	Viewguard PIR FAI

### Accessories:

Item no.	Description	
033434	Viewguard PIR Replacement Mirrors Curtain mirror, (PU = 3 units)	
033435	Viewguard PIR Replacement Mirrors Long range mirror, (PU = 3 units)	
033390	Adjustable joint $\pm 20$ horizontal, +4 to -8 vertical	
033588	Ball-and-socket set for wall and corner mounting	
033391	Seal (PU = 20 units)	

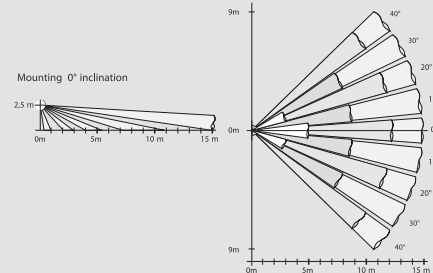
### Detection patterns:

Recommended mounting height 2.5 m for optimal operating sensitivity.

Typical detection coverage with range setting 15 m:

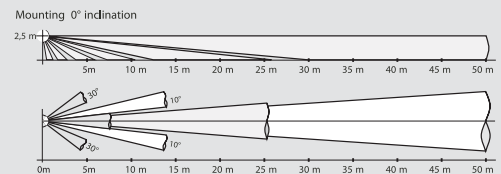
#### • Area optics with sneak-by guard:

Lens splitting 22 zones at 5 levels  
Opening angle 80° hor., 64° vert.  
Range 8 / 11 / 13 / 15 m



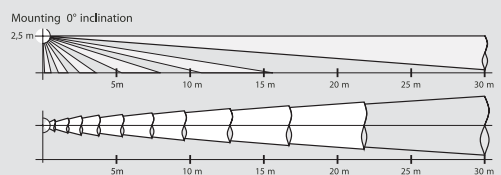
#### • Long-range optics (Item no. 033435)

Suitable for monitoring corridors  
Lens splitting 8 zones on 6 levels  
Opening angle 30° hor., 78° vert.  
Range 29 / 35 / 42 / 50 m



#### • Curtain optics (Item no. 033434)

Suitable for monitoring possible intrusion locations  
Lens splitting 11 zones on 11 levels  
Opening angle 7,5° hor., 85° vert.  
Range 17 / 21 / 25 / 30 m



### Honeywell Security & Custom Electronics

Network 121  
1446 WV Purmerend  
Netherlands  
T: +31 (0)299 410 200  
F: +31 (0)299 410 201  
[www.honeywell.com/security/nl](http://www.honeywell.com/security/nl)

### Honeywell Security Deutschland

Novar GmbH  
Johannes-Mauthe-Str. 14  
72458 Albstadt  
T: +49(0) 74 31/801-0  
F: +49(0) 74 31/801-12 20  
[www.honeywell.com/security/uk](http://www.honeywell.com/security/uk)  
[info.security.uk@honeywell.com](mailto:info.security.uk@honeywell.com)

### Honeywell Security & Custom Electronics

Newhouse Industrial Estate  
Motherwell, Lanarkshire,  
ML1 5SB  
Scotland  
Tel: +44 (0)1698 738200  
Fax: +44 (0)1698 738300  
[www.honeywell.com/security/uk](http://www.honeywell.com/security/uk)

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

HSCE-ViewP-01-EN(1207)DS-E  
December 2007  
© 2007 Honeywell International Inc.

# Honeywell