# Motion detector PIR Xtra-Flex EN3



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HIGH-PRECISION WATCHMAN. ABSOLUTELY INCORRUPTIBLE.

Precise detection, top PIR range and false alarm protection

The EN Grade 3 certified wired motion detector has a passive infrared sensor (PIR) and sensitive pro Fresnel lens that captures a detailed thermal image with uniform coverage of the detection field. Humans are detected by body heat (heat movement) with high accuracy and distinguished from pets; any incident is reported to the IAS/control panel. Max. false alarm protection and pet-immune. Innovative pro lens (flexible zone blanking) ensures a stable IR range (15 m/24 m) under all setting variants (vs. mirror detectors).

#### Volume and line detector

Can be configured as a volume (wide detection: 85° at 15 m) or line detector (narrow detection: 5° at 24 m).

### Tampering is futile

Thanks to creep-zone protection, has no blind spots and detects people directly under itself. Integrated cover protection triggers alarm immediately if detector's view (when system is disarmed) is obscured.

#### Easy fine adjustment

Easily adjust detector sensitivity via handy DIP switches: thermal image zones detected and pulses that must be detected before alarm relay opens. Fast wiring to alarm control panel via common resistors. Coloured status LED signals detector status at a glance.

### Flexible installation

Can be mounted on the corner, wall or ceiling - with tamper protection (cover/tear-off contact). Note: the mounting height affects effective IR range.

### **Technologies**

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- Passive infrared motion detector (PIR) for indoor use, with flexible lens (spiral lens) and coloured LED status indicator
- High-precision detection of humans: integrated professional Fresnel lens captures the thermal image in 80 zones, distinguishes between humans and pets (pet-immune)
- Optimum detection performance and false alarm security for any room environment, sensitivity individually adjustable during installation
- Flexible 2-in-1 solution: thanks to spiral lens, can be used as a volume detector and line detector (without accessories, such as long-range lens)
- Detection range adjustable as required: wide detection (volume detector: 85° viewing angle, 15 m range) for room coverage; narrow detection (line detector: 5°, 24 m) for window front, shelf aisle etc.
- High, stabilised IR range of thermal image detection for each setting option (compare with mirror detector)
- Masking protection (anti-masking) to thwart tampering attempts, adjustable sensitivity: if the detector is masked or covered, e.g. when the alarm system is disarmed, a tamper alarm is triggered
- Creep-zone protection for uninterrupted monitoring even directly under the detector (no blind spots)
- Adjusting the detector precisely during installation is quick and easy via DIP switch
- EN 50131 Grade 3 certified

#### Technical data - Motion detector PIR Xtra-Flex EN3

Adjustable sensitivity	Yes, 4 Levels
Alarm memory	Yes
Anti-creep protection	Yes
Area of application	unheated interior
Certifications	EN 50131 Grade 3
Compatible with	Secoris, Secvest, Terxon
Cover monitoring	Yes
DC voltage supply	9,5 - 16 V
Depth	59 mm
Detector coverage area (m)	15 m
Dimensions	160 x 62 x 59 mm
EN	Level 3
Environmental class	
Fuse protection type	Intrusion protection
Gross weight	0,18 kg
Height	160 mm
Installation location	Wall
Installation type	Surface Mounting
Max. detection range (indoor)	15 m
Max. humidity	95 %
Max. operating temperature	50 °C





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## Technical data - Motion detector PIR Xtra-Flex EN3

Min. humidity	0 %
Min. operating temperature	-20 °C
Net weight	0,18 kg
PIR viewing angle	85 °
Pet-proof	No
Power consumption	16 mA
Sabotage monitoring	Yes
Standby power consumption	12 mA
Type of detection	Heat detection
Width	62 mm