Motion detector PIR Xtra-Flex EN3

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

- 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	II
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

Motion detector PIR Xtra-Flex EN3

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