

Motion detector PIR Xtra-Flex EN3

Art.-Nr. AZBW10210

Seite 1 von 3



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

Motion detector PIR Xtra-Flex EN3

Art.-Nr. AZBW10210

Seite 2 von 3

- 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
Animal immune	No
Areas of application	unheated interior
Certifications	EN 50131 Grade 3
Compatible with	Secoris, Secvest, Terxon
Cover monitoring	Yes
Creep protection	Yes
Current consumption	16 mA
Current consumption standby	12 mA
DC power supply	9,5 - 16 V
Depth	59 mm
Detection area detector (m)	15 m
Detection method	Heat detection
Dimensions	160 x 62 x 59 mm
EN	Level 3
Environmental class	II
Gross weight	0.18 kg
Height	160 mm
Housing material	Plastic
Length	59 mm

Motion detector PIR Xtra-Flex EN3

Art.-Nr. AZBW10210

Seite 3 von 3

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Max. Air humidity	95 %
Max. Detection area (indoor)	15 m
Max. Operating temperature	50 °C
Min. humidity	0
Min. operating temperature	-20 °C
Mounting location	Wall
Mounting type	Surface Mounting
Net weight	0.182 kg
PIR viewing angle	85 °
PSTI conformity needed	No
Power consumption	0.19 W
Product group	Detectors
Tamper monitoring	Yes
Type of protection	Intrusion protection
VdS class	without
WEEE group	09
width	62 mm