

Secoris wireless motion detector PIR

Art.-Nr. FUBW60100

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PIR MOTION DETECTOR: EFFECTIVE ROOM SURVEILLANCE

Detects intruders by means of body heat

The wireless motion detector detects people in its detection range based on their moving body heat field. It uses a passive infrared light sensor (PIR) for this purpose. Unauthorised access is reported to the intrusion alarm system. Optional: animal-immune operation to ignore pets under a certain size.

Secure, reliable: close-meshed surveillance

With a detection area of 10 x 10 m (aperture angle: approx. 90°), a single wireless motion detector can monitor large rooms almost completely. The spherical lens design ensures uniform room coverage and extremely reliable detection. Thanks to crawl-under protection, the detector has no blind spots and also detects people directly underneath it.

Secure connection, long range

The wireless detector is taught into the Secoris system via the wireless extension (BUM060030). The connection is protected against tampering by third parties by a secure, highly encrypted wireless protocol. Transmission is AES128-encrypted (same security level as in online banking) and protected against so-called replay attacks. The wireless range is over 700 m (free field).

Flexible and low maintenance

The detector can be mounted on the wall or in a corner. The battery life of the power-saving passive detector is up to 5 years.

Technologies

- PIR motion detector for indoor use (battery-operated, without cable)
- Detects people and animals by their body temperature and heat movement via passive infrared sensor technology

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- Monitors entire rooms: detects movements in an area of approx. 10 x 10 m (aperture angle approx. 90°)
- Long wireless range in Secoris wireless mode, with AES128-encrypted, tamper-proof wireless connection (standard as in online banking, replay-protected)
- Modern, discreet design for unobtrusive room surveillance (finish: white)
- Optional: pet-immune monitoring (suppression of pets) configurable at the Secoris control panel
- High security: uniform room coverage, crawl-under protection and sabotage monitoring (cover and wall tear-off contact)
- Flexible mounting on the wall or in the corner (wireless)
- Battery life: up to 5 years
- High security, reliability & wireless range: EN Grade 2 certified

Technical data - Secoris wireless motion detector PIR

Adjustable sensitivity	Pet immunity on/off
Alarm memory	No
Battery - fixed	No
Battery - max. battery life	5 y
Battery - quantity	2
Battery - type	1,5V AA (LR6)
Certifications	EN 50131 Grade 2, VSÖ GS N
Colour	white
Compatible with	Secvest, Secoris
DC voltage supply	3 V
Depth	55 mm
Detector coverage area (m)	10 m
Diameter	55 mm
Dimensions	55x115x55 (WxHxD) mm
EN	Level 2
Environmental class	II
Gross weight	0,15 kg
Height	115 mm
Housing material	ABS
IP protection class	34
Language of instructions	DE, EN; FR; NL; DK; IT
Language packing	DE, EN; FR; NL; DK; IT
Length	55 mm
Max. humidity	95 %
Max. operating temperature	55 °C
Max. receiving range (building)	30 m

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Technical data - Secoris wireless motion detector PIR

Max. receiving range (free field)	700 m
Max. transmission range (building)	30 m
Max. transmission range (free field)	700 m
Min. operating temperature	-10 °C
Modulation	2FSK
Net weight	0,148 kg
Pet-proof	Yes
Power consumption	23 mA
Radio frequency	868,09 MHz
Radio frequency 2	868,23 MHz
Radio frequency 3	868,37 MHz
Radio frequency 4	868,51 MHz
Radio frequency 5	868,6625 MHz
Radio power	10 mW
Sabotage monitoring	Yes
Security level	2
Sensor type	PIR
Standard	EN 50131-2-2:2017, EN 50131-5-3:2017
Standby power consumption	0,035 mA
Status display	Yes
Type of detection	Heat detection
Voltage monitoring	Yes
Width	55 mm