

# 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	155 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