

Comfion Wireless-Motion-Detector

Art.-Nr. FUBW80000

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Monitors your room, detects intruders and fits into the home automation system

Slim and discreet

The wireless motion detector in slim design monitors entire rooms. At just 3cm, it is very slim and fits discreetly into any environment.

Detects burglars via their body heat

The PIR motion detector detects people and animals in its vicinity. Unauthorized access is reported to the alarm system. Set to animal-immune, it ignores smaller pets.

Safe, reliable: large monitoring area

With a detection area of 12 x 12m, a single motion detector also monitors large rooms. The reliable, certified PIR detector also has mechanical tamper protection.

Home automation with temperature and humidity

Thanks to the PIR sensor, thermometer and hygrometer in the motion detector, a wide range of smart home scenarios can be set. For example, if the room is empty and too warm, the heating is turned down.

Secure connection, long range

The radio signal is securely encrypted and protected against tampering. With a range of up to 1,000m (free field), the detector has a stable radio connection to the alarm control panel from anywhere in the house, even over long distances or in radio-inhibited buildings.

Technologies

- PIR motion detector for indoor use, discreet and space-saving in slim design with a width of only 3 cm (battery

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operation, without cable)

- Detects people and animals by their body temperature and reports every detection to the Comfion alarm system. Hides pets (pet-immune monitoring)
- Top burglary protection: Monitors entire rooms over a large area and detects movements in an area of approx. 12 x 12 m (opening angle approx. 100°)
- With integrated thermometer and hygrometer for home automation, works depending on the room temperature and humidity (e.g. turn down the heating, automatic ventilation)
- Simple, wireless installation and flexible mounting anywhere in the building; in the corner (recommended) or on the wall
- Secure radio connection to the Comfion alarm control panel, with a long range of up to 1,000 m (free field) and high tamper/data protection as in online banking (AES128 encryption)
- Sabotage protection: Immediate alarm when attempting to open or dismantle the detector
- Power-saving: Passive infrared detector with up to 4 years of battery life
- Very safe and reliable thanks to EN50131 Grade-2 certification

Technical data - Comfion Wireless-Motion-Detector

Anti-creep protection	No
Area of application	Interior
Battery - max. battery life	4 y
Battery - quantity	4
Battery - type	LR03, AAA, Alkaline
Certifications	EN 50131 Grade 2
Colour	white
Compatible with	Comfion
Depth	30 mm
Detector coverage area (m)	12 m
Detector coverage area (m ²)	70 m ²
Dimensions	32x 120 x 30 mm
EN	Level 2
Environmental class	II
Gross weight	0,084 kg
Height	120 mm
Housing material	Plastic
Max. humidity	85 %
Max. operating temperature	40 °C
Max. receiving range (free field)	1.000 m
Max. transmission range (free field)	1.000 m

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Min. operating temperature	-10 °C
Modulation	2FSK
Net weight	0,032 kg
PIR viewing angle horizontal	100 °
Pet-proof	Yes, < 27kg
Radio frequency	868 MHz
Radio power	25 mW
Sabotage monitoring	Yes
Security level	2
Sensor type	PIR, thermometer/Hygrometer
Standard	EN 50131
Type of detection	Heat detection
Voltage monitoring	Yes
Width	32 mm