

# 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; VSÖ
Colour	white
Compatible with	Comfion
Depth	30 mm
Detector coverage area (m)	12 m
Detector coverage area (m2)	70 m <sup>2</sup>
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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## Technical data - Comfion Wireless-Motion-Detector

Min. operating temperature	-10 °C
Modulation	2FSK
Net weight	0,032 kg
PIR viewing angle horizontal	100 °
PSTI conformity required	No
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