# Comfion Wireless-Motion-Detector

Art.-Nr. FUBW80000





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

| | |
|---|---|
| Animal immune | Yes, < 27kg |
| Areas of application | Interior |
| Battery - max. battery life | 4 years(s) |
| Battery - quantity | 4 |
| Battery type | LR03, AAA, Alcaline |
| Certifications | EN 50131 Grade 2; VSÖ |
| Colour | white |
| Compatible with | Comfion |
| Cover monitoring | No |
| Creep protection | No |
| Depth | 30 mm |
| Detection area detector (m) | 12 m |
| Detection area of detector (m2) | 70 m² |
| Detection method | Heat detection |
| Dimensions | 32x 120 x 30 mm |
| EN | Level 2 |
| Environmental class | II |
| Gross weight | 0.084 kg |
| Height | 120 mm |
| Housing material | Plastic |
| Length | 30 mm |
| Max. Air humidity | 85 % |

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| | |
|---|---|
| Max. Operating temperature | 40 °C |
| Max. Receive range (free field) | 1,000 m |
| Max. Transmit range (free field) | 1,000 m |
| Min. operating temperature | -10 °C |
| Modulation | 2FSK |
| Net weight | 0.084 kg |
| PIR viewing angle horizontal | 100 ° |
| PSTI conformity needed | No |
| Product group | Detectors |
| Protection class IK | 4 |
| Radio frequency | 868 MHz |
| Radio power | 25 mW |
| Security gradient | 2 |
| Sensor type | PIR, thermometer/Hygrometer |
| Tamper monitoring | Yes |
| Technology | Electronics |
| VdS class | without |
| Voltage monitoring | Yes |
| WEEE group | 09 |
| standard | EN 50131 |
| width | 32 mm |

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