Motion detector PIR MW (PET)



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PLAY IT SAFE: CLEARLY DETECT UNAUTHORIZED PERSONS

Close monitoring: 2 sensors, twice as safe

The "EN Grade 2" certified wire motion detector combines the advantages of two sensors and provides high security against false alarms: An alarm is only if both sensors with separate detection methods, passive infrared (PIR) and microwaves (MW), detect a movement. For example, the PIR sensor reacts to moving body heat, while the MW sensor actively monitors the surroundings (cf. radar).

PET immunity: For your beloved pet

Optional "pet-immune" function, adjustable to 3 levels, distinguishes between humans and animals. Moving persons are reliably detected while pets weighing up to 15 kg are ignored. In rare individual cases, however, a lighter animal may set off the detector, e.g., if it runs, jumps, or flies close to the detector.

Technology and installation

Optimal mounting location is in a corner, about 1.80 to 2.40 m above the floor. The expected direction of travel of an intruder should be across the detector. The viewing angle is approx. 90 degrees, the detection range (depending on the mounting height) up to 12 x 12 m. The spherical lens design ensures extremely reliable detection thanks to uniform room coverage. Thanks to integrated anti-creep protection, the detector has no blind spots and also detects people directly underneath it.

Individual range settings

The microwave range is variably adjustable to cover exactly the desired area.

Technologies

Passive infrared motion detector (PIR) with microwave element (MW) for indoor use

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- Dual detector: PIR sensor and MW sensor combined in one detector
- Preventive protection against false alarms thanks to twofold detection
- Pet-immune optional: Ignores animals up to approx. 15 kg
- Monitors entire rooms (detection area approx. 12 x 12 m)
- High security: No blind spots thanks to anti-creep protection
- EN Grade 2 Certification

Technical data - Motion detector PIR MW (PET)

| Adjustable sensitivity | Yes |
|----------------------------|----------------------------|
| Alarm memory | Yes |
| Anti-creep protection | Yes |
| Area of application | Indoors |
| Certifications | EN 50131 Grade 2, VSÖ GS-N |
| Compatible with | Secoris, Secvest, Terxon |
| DC voltage supply | 9-16 V |
| Depth | 46 mm |
| Detection speed | 0,3 - 2 m/s |
| Detector coverage area (m) | 12 m |
| Dimensions | (WxHxD) 65,7x103,8x45,5 mm |
| Display | Yes |
| EN | Grade 2 |
| Height | 103,8 mm |
| Housing material | Plastic |
| Installation location | Wall |
| Installation type | Surface mounting |
| Length | 45,5 mm |
| Max. humidity | 90 % |
| Max. operating temperature | 40 °C |
| Min. humidity | 10 % |
| Min. operating temperature | -10 °C |
| Net weight | 0,099 kg |
| PIR viewing angle | 85,9 ° |
| Pet-proof | Yes, < 10 kg |
| Power consumption | 17 mA |
| Radio frequency | 24.200 MHz |
| Sabotage monitoring | Yes |
| Sensor type | PIR, microwave |
| Status display | Yes |
| Type of detection | Heat detection, Microwave |





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Width 65,7 mm