



Device type: **AOD-210**

Outdoor Motion Detector

External dual motion detector protects the area between the fence and the building. You can also use it to implement automation functions, e.g. to control garden lighting.

- PIR and MW motion detector
- pet immunity – up to 20 kg
- coverage area 16 m x 16 m, angle 90°
- digital motion detection algorithm for both sensors
- digital temperature compensation
- creep zone protection
- built-in dusk sensor – measuring range: 2 lx ÷ 250 lx
- built-in temperature sensor – measuring range: -40°C ÷ +55°C
- LED indicators
- supervision of motion detection system
- operation in the 868 MHz frequency band
- AES encrypted two-way radio communication
- transmission channel diversity – 4 channels for automatic selection of the one that will enable transmission without interference with other signals
- remote settings programming
- remote firmware update
- battery status control

Available in two colour versions:



white
Outdoor Motion Detector



grey
Outdoor Motion Detector GY

- weatherproof enclosure – IP54 ingress protection
- operating temperature range from -40°C to +55°C
- option to mount **HOOD C** protective cover on the detector’s enclosure
- tamper protection against enclosure opening and removal from mounting surface
- compliance with EN 50131 Grade 2 – for indoor applications
- can be installed with the use of:
 - ❖ dedicated brackets from **BRACKET C (GY)** set:
 - angle type bracket: constant 45° angle
 - ball-joint bracket: adjustable vertically through 60° and horizontally through 90°
 - ❖ dedicated brackets from **BRACKET E** set:
 - **BRACKET E-1 (GY)** – body for attaching the **BRACKET E-2B** inserts
 - **BRACKET E-2B (GY)** – insert for mounting
 - **BRACKET E-3 (GY)** – 30 mm distance piece enabling the detector to be distanced from the wall or ceiling
 - **BRACKET E-4 (GY)** – 20 mm mounting base
 - **BRACKET E-5 (GY)** – ball-joint bracket: adjustable vertically through 60° and horizontally through 90°
 - **BRACKET E-6** – tamper sensor with NO/NC switch and 50 cm long cables

Operating frequency band	868.0 MHz ÷ 868.6 MHz
Battery	CR123A 3 V
Battery life expectancy	up to 2 years
Standby current consumption	75 µA
Low battery voltage threshold	2.75 V
Light intensity measurement range.....	2 lx ÷ 250 lx
Temperature measurement range	-40°C ÷ +55°C
Temperature measurement accuracy	±1°C
Microwave frequency.....	24.125 GHz
Detectable speed	0.3 ÷ 3 m/s
Warm-up period	40 s
Recommended installation height.....	2.4 m
Coverage area	16 m x 16 m, 90°
Complied with standards.....	EN 50131-1, EN 50130-4, EN 50130-5
Security grade according to EN 50131-2-4	Grade 2
Environmental class according to EN 50130-5	IIIa
Operating temperature range	-40°C ÷ +55°C
Maximum humidity.....	93±3%
IP code	IP54
Dimensions	65 x 138 x 58 mm
Weight	182 g

Compatible with

 wireless system

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