



Device type: **APD-200**

## Motion Detector

An internal motion detector for basic applications. Install it in every room with a window or wherever you want to use it to control lighting, for example.

- PIR motion detector
- state-of-the-art wide angle lens – coverage area 15 m x 24 m, angle 90°
- optional creep zone protection
- digital motion detection algorithm
- digital temperature compensation
- built-in temperature sensor – measuring range: -10°C ÷ +55°C
- LED indicator
- 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
- tamper protection against enclosure opening and removal from mounting surface
- compliance with EN 50131 Grade 2
- adjustable bracket for wall- or ceiling-mounting included
- mounting tape included



Operating frequency band .....	868.0 MHz ÷ 868.6 MHz
Battery .....	CR123A 3 V
Battery life expectancy .....	up to 2 years
Standby current consumption .....	70 µA
Low battery voltage threshold .....	2.75 V
Temperature measurement range .....	-10°C ÷ +55°C
Temperature measurement accuracy .....	±1°C
Detectable speed .....	0.3 ÷ 3 m/s
Warm-up period .....	35 s
Recommended installation height .....	2 m ÷ 2.4 m
Coverage area .....	15 m x 24 m, 90°
Complied with standards .....	EN 50131-1, EN 50130-4, EN 50130-5
Security grade according to EN 50131-2-2 (detector mounted directly to the wall) .....	Grade 2
Environmental class according to EN 50130-5 .....	II
Operating temperature range .....	-10°C ÷ +55°C
Maximum humidity .....	93±3%
Dimensions .....	62 x 137 x 42 mm
Weight .....	132 g



Compatible with  
**abox2**  
wireless system

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