



JA-180P Wireless motion PIR detector

The JA-180P motion detector **detects the movement of people inside a building**. The response to detected motion is either instant or delayed. A built-in tamper contact protects the system from unauthorized tampering.

o [Declaration of conformity - JA-180P \(PDF 315.3 kB\)](#)



Description

The detector performs regular self-testing and regularly reports to the system for full supervision.

The detection characteristic may be optimised by using alternative lenses JS-7904 LONG HALLWAY, JS 7906 PET or JS-7901 CURTAIN.

The JA-180P also provides a wired input where additional detectors such as magnetic door detectors can be connected

It is addressable and occupies one position in the alarm.

Technical specifications

Voltage

Lithium battery type CR14500 (AA) 3.6 V/2.45 Ah
Please note: Battery is not included

Typical battery lifetime

approx. 3 years (5 min. sleep mode)

Communication band

868.1 MHz, Jablotron protocol

Communication range

approx. 300 m - (open area)

Recommended installation height

2.0 to 2.5 m above floor level

Detection angle/detection range

120°/12 m (with basic lens)

Operational environment according to EN 50131-1

II. indoor general

Operational temperature range

-10 to +40 °C

Dimensions, weight

110 x 60 x 55 mm, 100 g

EN 50131-1, EN 50131-2-2, EN 50131-5-3 classification

grade 2

Complies with

ETSI EN 300 220, EN 50130-4, EN 55022, EN 60950-1

Can be operated according to

ERC REC 70-03

