



JA-150P Wireless motion PIR detector

The JA-150P is a **PIR motion detector** designed for interior protection.

It detects object movement having a human body temperature. The detection characteristic may be optimised by using the alternative lenses.

○ [Declaration of conformity - JA-150P \(PDF 319.51 kB\)](#)



Description

Alternative lenses: JS-7904 LONG HALLWAY, JS 7906 PET or JS-7901 CURTAIN.

The **immunity level is selectable to two levels.**

It is powered by two alkaline batteries.

Smartwatch function implemented for enhanced alarm reporting and battery life saving. It is **addressable** and occupies one position in the alarm.

Technical specifications

Power

2x Alkaline battery, type LR6 (AA) 1.5 V
Please note: Batteries are not included

Typical lifetime of batteries

about 2 years (the longest lifetime is achieved in smartwatch mode)

LowBatt state

< 2,2 V

Quiescent current consumption

15 µA

Maximum current consumption

50 mA

Communication frequency

868.1 MHz, JABLOTRON protocol

Maximum radio-frequency power (ERP)

25 mW

Communication range

approx. 300 m (unrestricted area)

Recommended installation height

2.5 m above the floor

Detection angle/detection coverage

110 degrees/12 m (with standard lens)

Dimensions

60 x 95 x 55 mm

Weight (without batteries)

80 g

Classification	Security grade 2/Environmental class II (according to EN 50131-1)
Operational environment	Indoor general
Operating temperature range	-10 °C to +40 °C
Average operating humidity	75 % RH, without condensation
Certification body	Trezor Test s.r.o. (no. 3025), Telefication B.V.
Complies with	EN 50131-1, EN 50131-2-2, EN 50131-5-3, EN 50131-6, ETSI EN 300 220-1,-2, EN 50130-4, EN 55032, EN 62368-1, EN 50581, T 031
Can be operated according to	ERC/REC 70-03
Recommended screw	2x \varnothing 3,5 x 40 mm (countersunk head)