



JA-155P Wireless ceiling PIR motion detector

The product is a wireless system device for the JABLOTRON 100+. It is designed to detect human body motion inside buildings. Compared to standard motion detectors from the JABLOTRON 100+ series, this detector is designed for ceiling installation.

o [Declaration of conformity - JA-155P \(PDF 702.64 kB\)](#)



Description

It is installed on the ceiling and its guaranteed detection coverage is 360° with a capture radius of up to 5.5 m at a mounting height of 3.5 m.

The resistance to false alarms is adjustable at two levels

The detector has a pulse response and occupies one position in the system.

The mounting spacer (PLV-P-ST) is a certified accessory for ceiling detectors; these can be used with wireless detectors to separate the antenna from the mounting surface and thus to potentially improve the range.

Technical specifications

Power

2x lithium batteries, type CR123A (3 V/1500 mAh)
Warning: batteries are not included.

Number of batteries	1x CR123A	2x CR123A
Lifetime (Smartwatch mode)	2 years	4 years

Low battery voltage

< 2.4 V

Communication band

868.1 MHz, JABLOTRON protocol

RF range

up to 300 m (open area)

Recommended installation height

2.5 - 3.5 m above the ground level

Detection coverage

360°/11 m (installation height - 3.5 m)

Dimensions

Ø 125 x 40 mm

Weight (without batteries)

124 g

Classification

security grade 2/II. Indoor general (according to EN 50131-1)

Operational environment

indoor general

Operational temperature range	-10 °C to +40 °C
Average operational humidity	75 % RH, non-condensing
Certification body	Trezor Test s.r.o. (no. 3025)
Complies with	EN 50131-1 ed. 2+A1+A2, EN 50131-2-2, EN 50131-5-3+A1, ETSI EN 300 220-1,-2, EN 50130-4 ed. 2+A1, EN 55032, EN 62368-1, EN 50581
Can be operated according to	ERC REC 70-03