



## JA-151P-WW Wireless PIR motion detector

It is designed to detect human body motion inside buildings. Its guaranteed detection coverage is 90°/12 m. It has an implemented SMART WATCH function for the acknowledgment of alarms and the subsequent extension of battery service life.

○ [Declaration of conformity - JA-151P-WW \(PDF 315.9 kB\)](#)



### Description

The product is the result of very high quality and designer targets and with its aesthetic shape it even suits luxurious interiors in any installation variant. Besides standard positioning in a corner of the room it can be installed on a wall surface using an aesthetic JA-193PL frame when the detector is partly recessed and blends in with the wall in a very elegant way. For special applications such as e.g. ceiling mounting or an inclined detection angle the JA-191PL articulated holder can be used.

- The detector has impulse activation.
- The detector can be used to control programmable PG outputs.
- The resistance to false alarms is adjustable on two levels.
- The detector is a device of the JABLOTRON 100+ system, is addressable and occupies one position in the system

### Technical specifications

<b>Power</b>	2x AA (LR6)/1.5 V/2400 mAh alkaline batteries Please note: Batteries are not included
<b>Typical battery lifetime</b>	approx. 2 years (the longest lifetime is achieved in smartwatch mode)
<b>Low battery voltage</b>	<2,2 V
<b>Quiescent current consumption</b>	25 µA
<b>Maximum current consumption</b>	50 mA
<b>Communication frequency</b>	868.1 MHz, JABLOTRON protocol
<b>Maximum radio-frequency power (ERP)</b>	13 mW
<b>Communication range</b>	approx. 300 m (open area)
<b>Recommended installation height</b>	2.5 m above the floor
<b>Detection angle/detection range</b>	90°/12 m
<b>Dimensions</b>	62 x 130 x 38 mm

<b>Weight (without batteries)</b>	139 g
<b>Classification</b>	Security grade 2/Environmental class II (according to EN 50131-1)
<b>Operational environment</b>	Indoor general
<b>Operating temperature range</b>	-10 °C to +40 °C
<b>Average operating humidity</b>	75 % RH, without condensation
<b>Certification body</b>	Trezor Test s.r.o. (no. 3025), Telefication B.V.
<b>Complies with</b>	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
<b>Can be operated according to</b>	ERC/REC 70-03