



JA-151P-WG Wireless PIR motion detector

It is designed to detect human body motion inside buildings. Its guaranteed detection coverage is 90°/12 m and in the version with a grey lens its resistance to white light significantly exceeds the values prescribed by the standard, which helps to reduce false alarms caused e.g. by car lights shining through windows, lightning or reflective items.

○ [Declaration of conformity - JA-151P-WG \(PDF 315.66 kB\)](#)



Description

It has an implemented SMART WATCH function for the acknowledgment of alarms and the subsequent extension of battery service life. 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 a 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 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 component of the JABLOTRON 100+ system, is addressable and occupies one position in the system.

Technical specifications

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

Weight (without batteries)	139 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