Wireless ceiling PIR motion detector

Code: JA-155P



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.

Product 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 information:

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)		
Dimmensions	O 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