Wireless PIR motion detector with basic pet immunity

Code: JA-150P PET



The product is a wireless system device for the JABLOTRON 100+ . It is designed to detect human body motion inside buildings. Compared to standard PIR motion detectors from the JABLOTRON 100+ series, its detection characteristics are modified and have basic immunity to animals.

Product description:

The detector eliminates the movement of small animals along the floor (up to about 25 kg and a max. height of 40 cm at a distance of up to 7 metres from the detector).

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

The JS-7910 lens is only used for the standard immunity level.

The detector comes fitted with a JS-7910 animal lens with a 90°/12 m angle.

Technical information:

Power	2x Alkaline battery, type LR6 (AA) 1.5 V/2.4 Ah Please note: Batteries are not included.
Typical lifetime of batteries	about 2 years (the longest lifetime is achieved in Smartwatch mode)
Low Battery Threshold	< 2.5 V
Quiescent current consumption	25 µA
Maximum current consumption	50 mA
Communication frequency	868.1 MHz, JABLOTRON protocol
Maximum radio-frequency output (ERP)	25 mW
Communication range	approx. 300 m (unrestricted area)
Recommended installation height	2 m above the floor
Detection angle/detection coverage	90 degrees/12 m
Pet immunity (angle/coverage) – pet immunity	90°/up to 7 m
Dimensions	60 x 95 x 55 mm
Weight (without batteries)	125 g
Classification	Grade 2/II. indoor general (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	ETSI EN 300 220-1,-2, EN 50130-4, EN 62368-1, EN 50581, EN 50131-1, EN 50131-2-2, EN 50131-5-3, T 031.
Recommended screw	2x o 3.5 x 40 mm (countersunk head)