



## JA-150P PET Wireless PIR motion detector with basic pet immunity

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.

○ [Declaration of conformity - JA-150P PET \(PDF 317.46 kB\)](#)



### 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 specifications

**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

<b>Weight (without batteries)</b>	125 g
<b>Classification</b>	Grade 2/II. indoor general (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>	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.
<b>Recommended screw</b>	2x $\varnothing$ 3.5 x 40 mm (countersunk head)