



JA-180PB Wireless PIR and glass-break combined detector

The JA-180PB combines the JA-180P **PIR motion sensor with a glass-break sensor in one housing**. Each sensor is enrolled to the control panel separately.

o [Declaration of conformity - JA-180PB \(PDF 316.4 kB\)](#)



Description

The **dual technology glass-break sensor** reacts to air pressure changes followed by sound analysis to ensure a **high immunity to false alarms**.

The detection characteristic may be optimised by using **alternative lenses** JS-7904 LONG HALLWAY, JS 7906 PET or JS-7901 CURTAIN.

It is addressable and occupies two positions in the alarm.

Technical specifications

Voltage of PIR sensor

Lithium battery type CR14500 (AA) 3.6 V/2.45 Ah
Please note: Batteries are not included

Voltage of GBS sensor

Lithium battery type CR14250 (1/2AA) 3.6 V/1.2 Ah
Please note: Batteries are not included

Typical battery lifetime

approx. 3 years (PIR sensor sleep time 5 min.)

Communication band

868.1 MHz, Jablotron protocol

Communication range

approx. 300 m (open area)

Recommended installation height

2 - 2.5 m above floor level

PIR sensor detection angle/detection range

120°/12 m (with basic lens)

Glass-break detection range

9 m (glass min. 60 x 60cm)

Operational environment according to EN 50131-1

II. Indoor general

Operational temperature range

-10 to +40 °C

EN 50131-1, EN 50131-2-2, EN 50131-2-7-1, EN 50131-5-3 classification

grade 2

Dimensions, weight

110 x 60 x 55 mm, 120 g

Complies with

ETSI EN 300 220, EN 50130-4, EN 55022, EN 60950-1

Can be operated according to

ERC REC 70-03