



## JA-160PC (90) Wireless PIR motion detector with 90° photo-verification camera

Used for motion detection inside buildings, including visual alarm confirmation. Taking a photo is activated by motion, so the cause of the alarm is always indicated in the image. The guaranteed detection coverage is 90°/12 m.

○ [Declaration of conformity - JA-160PC \(90\) \(PDF 318.75 kB\)](#)

### Description

- Vision angle of the camera: 90°
- Resolution of photos: LQ 320\*240; HQ 640\*480 pixels
- Flash range: max. 3 metres
- The detector has impulse activation
- The detector can be used to control programmable PG outputs
- The resistance to false alarms is adjustable to 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 alkaline battery type LR6 (AA) 1.5 V  
(alternatively 2x AA lithium battery, 1.5 V)

**Typical lifetime**

about 2 years (1 activation and 1 series of photos a day)  
Please note: Batteries are not included

**Low battery voltage**

**- Alkaline batteries**

≤2,52 V

**- Lithium batteries**

≤2,62 V

**Recommended installation height**

2.5 m above the floor

**PIR Detection angle/detection coverage**

90°/12 m

**Horizontal camera capture angle**

90°

**Range of the flash**

max. 3 meters

**Resolution of the camera**

LQ 320x240; HQ 640x480 pixels

**Photo size LQ/HQ (typically)**

2-20 kB/2-64 kB (6 kB/35 kB)

<b>Typical (LQ) photo transmission time to the control panel (ideally)</b>	up to 20 sec. (10 sec.)
<b>Typical (HQ) photo transmission time to the control panel (ideally)</b>	up to 130 sec. (60 sec.)
<b>Typical photo transfer time to the server</b>	15 s/GPRS; 2 s/LAN
<b>Dimensions, weight</b>	110 x 60 x 55 mm, 102 g
<b>Classification</b>	Security grade 2/Environmental class II
<b>- according to</b>	EN 50131-1, EN 50131-2-2, EN 50131-5-3
<b>- operational temperature range</b>	-10 °C to +40 °C
<b>- operational environment</b>	indoor general
<b>- certification body</b>	Trezor Test s.r.o. (no. 3025)
<b>Also complies with</b>	ETSI EN 300 220, EN 50130-4, EN 55032, EN 60950-1
<b>Can be operated according to</b>	ERC REC 70-03