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)

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