Bus PIR motion detector with 90° photo-verification camera

Code: JA-120PC (90)

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. Guaranteed detection coverage 90°/12 m.

Product description:

- Vision angle of the camera: 90°
- Resolution of photos: LQ 320*240; HQ 640*480 pixels
- Flash range: max. 3 metres
- Power via the control panel bus
- 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 information:

Power	from the control panel BUS +12 V (+9 ... +15 V)
Current consumption	
- nominal for the backup supply calculation	5 mA
- maximum for cable choice	250 mA (with high flash intensity)
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
Camera resolution	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	up to 20 s. (10 s)
Ideal (HQ) photo transmission time to the control panel	up to 130 s (60 s)
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
- operational temperature range	-10 °C to +40 °C
- operational environment	indoor general
- certification body	Trezor Test s.r.o. (no. 3025)
Also complies with	EN 50130-4, EN 55032