Bus PIR Motion Detector with Camera

Code: JA-120PC

The JA-120PC is a bus-powered PIR movement detector with a colour camera which takes colour images of up to 640 x 480 pixels definition.



Product description:

The detector **detects movement** within the guarded space including **visual alarm confirmation**. It is equipped with a **flash and infrared lighting** for taking night pictures. The camera takes **digital colour** still shots during an alarm in **JPEG format**.

If a movement is detected the camera takes a **series of pictures**. The pictures are saved in the **internal memory of the detector** and transmitted to the control panel in compressed format. From there the shots are **transmitted outside the building**.

Technical information:

Power	from the control panel BUS +12 V (+9 ... +15 V)
Current consumption	
- nominal consumption to calculate backup time	5 mA
- maximum consumption for cable choice	250 mA (high flash intensity)
Recommended installation height	2.5 m above the floor
Detection angle/detection coverage	55 °/12 m (supplied lens)
Horizontal camera capture angle	43 °
Range of the flash	max. 3 meters
Resolution of the camera	LQ 320*240; HQ 640*480 pixels
Photo size LQ/HQ (typically)	2-10 kB/2-64 kB (6 kB/35 kB)
Typical (LQ) photo transmission time to the control panel	20 s. (10 s)
Typical (LQ) photo transfer time from the system to server	15 s/GPRS; 2 s/LAN

Operational environment according to EN 50131-1	II. Indoor general
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 to +40 °C
- operational environment	indoor general
- certification body	Trezor Test s.r.o. (no. 3025)
Also complies with	EN 50130-4, EN 55032