

# 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:

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