



JA-160PC Wireless PIR motion detector combined with a camera

The JA-160PC is wireless component of the JABLOTRON 100+ system. It serves for the **detection of human movement in building interiors and visual alarm confirmation.**

o [Declaration of conformity - JA-160PC \(PDF 316.77 kB\)](#)



Description

The camera takes colour photos with a resolution of up to 640 x 480 pixels by detecting human movement while the system is set. The camera is equipped with a visible flash for taking photos in the dark. The images are saved in the internal memory of the detector and then they are forwarded to the control panel. From the control panel they can be sent to an external mass storage area, ARC and a user. The detector can also take a photo on command if it is required (e.g. fire alarm confirmation).

Technical specifications

Power	2 Alkaline battery type LR6 (AA) 1.5 V
Typical lifetime	about 2 years (1 activation and 1 series of photos a day) Please note: Batteries are not included
Recommended installation height	2.5 m above the floor
Detection angle / detection coverage	55°/12 m (basic lens)
Horizontal camera capture angle	43°
Range of the flash	max. 3 meters
Resolution of the camera	LQ 320 x 240; HQ 640 x 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 (ideally)	up to 20 sec. (10 sec.)
Typical (HQ) photo transmission time from the control panel (ideally)	up to 130 sec. (60 sec.)
Typical photo transfer time from the system to the server	15 s/GPRS; 2 s/LAN
Operational environment according to EN 50131-1	II. Indoor general

Operational temperature range

-10 °C to +40 °C

Dimensions, weight

110 x 60 x 55 mm, 102 g

Classification

Grade 2

According to

EN 50131-1, EN 50131-2-2

Also complies with

ETSI EN 300 220, EN 50130-4, EN 55032, EN 60950-1

Can be operated according to

ERC REC 70-03
