

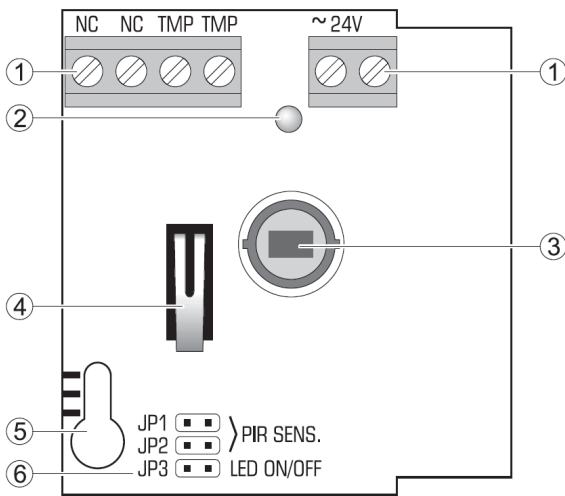
Surface Mount Digital PIR Detector LX-PIR-C360-24

The surface mount digital PIR detector LX-PIR-C360-24 is designed for indoor use and is optimal for Lonix lighting control and security systems. The Product is provided with a dual element PIR sensor and digital motion detection algorithm, and that's why it is characterized by good immunity to interference and false alarms. Three-step sensitivity control makes it possible to adjust the device performance to requirements of the user and the detected premises. Attractive looks makes the LX-PIR-C360-24 an excellent choice for automatic lighting controls systems of hotels, offices, residential and commercial buildings.

- Fully digital detection
- 360° lens
- Digital temperature compensation
- Adjustable sensitivity
- Pre-alarm feature
- Powered by 24 V AC/DC



Connections and detection area



1. Terminals:
NC – relay (NC)
TMP – tamper contact
24V – supply input (AC/DC)
2. Red color LED to indicate:
- Prealarm – short flash (approx. 120ms)
- Alarm – ON for 2 seconds
- Warm-up – blinking rapidly
- Low supply voltage – ON

3. Pyro electric sensor
4. Tamper contact
5. Fixing screw hole
6. Detector configuration pins:
PIR SENS. - setting detector sensitivity and LED ON/OFF - enabling/disabling the LED indicator. The LED indicator is enabled when the pins are shorted



Setting the detector sensitivity

(A – low sensitivity, B and C – medium sensitivity, D – high sensitivity)

[■ – pins shorted; □ – pins open].

Order codes

LX-PIR-C360-24

Technical Data

Operating Voltage:	24 V AC/DC
Current Consumption:	27 mA for 24 V AC (0.65W) 14 mA for 24 V DC (0.37W)
Signaling time:	2 sec
Coverage area:	36 m ² at 2.4 meter height 80 m ² at 3.7 meter height
Pyro sensor:	Dual element
Installation height:	2.2m ~ 4.5m
Environmental class according to EN50130-5:	II
Detectable Speed:	0.3 ~ 3 m/s
Dimensions:	ø97 x 29 mm
Weight:	64 g
Operating Temperature:	-30 - +55 °C
Humidity:	93% RH Maximum