PIR-11 Wireless Motion Detector (PET)

CE

The PIR-11 wireless motion detector allow a motion detection in restricted areas. Can be used with CPX200/220NWB/230NWB alarm control panel.

Main features

- Dual passive infrared detection technology
- **PET immunity up to 25kg**
- Temperature compensation
- Supervisory signal every 15 minute
- Low power consumption
- Control battery status (low power signal)
- Battery lifetime 2-3 years*****
- Max transmission distance 300m (open air)

* battery lifetime is approximate and depends on the working conditions of the detector

Specifications

Start time:	**120s**
Working temperature:	**-10~50°C**
Storage temperature:	**-20~60°C**
Dimensions:	**105x58x38mm**
Installation height:	**1.8~2.5m**
Transmission frequency:	**433.92MHz**
Operation Voltage:	**3V**
Standby Current:	**42uA**
Alarm current:	**22mA**
Battery:	**lithium, CR123**

Programming mode

Open detector cover. Set wireless control panel into learning mode and when it will be waiting for wireless detector push anti-tamper switch.

Working modes

Normal mode – S5 pin shorted. In the normal mode, detections in the area controlled by the sensor, also known as alarms, are sent to control panel not more than once in 3 minutes (180 s). Breach in the area is indicated by the LED briefly turning on, providing JP1 pins are closed. With every shell opening, sensor will send an information about tampering. It is indicated by the LED turning on briefly, providing JP1 pins are closed. If there is no tampering, sensor will send an information about its state to the control panel. This signals will not turn the LED on.

Testing mode – S5 pin open. Operation mode dedicated for sensor installation process. WARNING! In this mode battery will discharge faster, because every detection in the area controlled by the sensor will result in sending information to control panel.

Sensitivity adjustment

High sensitivity – S1 open, S2 shorted
Normal sensitivity – S1 shorted, S2 shorted
Low sensitivity – S1 open, S2 open
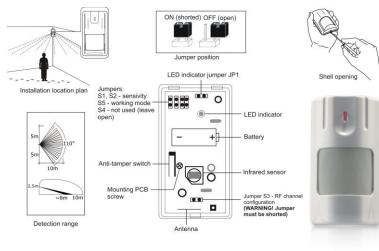**Very low sensitivity** – S1 shorted, S2 open

LED Indicator

ON – pin JP1 shorted. LED informs about tampering and detections in the area controlled by the sensor.
OFF – pin JP1 open. LED will not turn on in the event of detection or tampering.

Warning

- **Wrong battery installation may damage detector.**
- **Do not open jumper S3 - RF channel configuration. Jumper must be shorted.**
- **Detector installation against the window, against the light, near the large metal object, high-intensity magnetic fields, high power device or heating source will cause a working noise.**
- **Do not shield.**
- **Install in the dry place.**
- **Make sure the place you choose for installation allow free detector-receiver communication.**