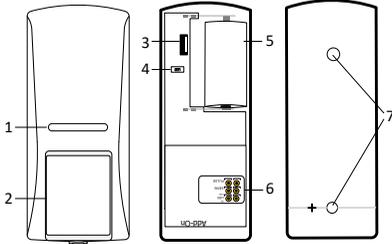


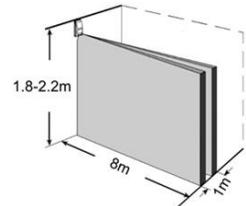
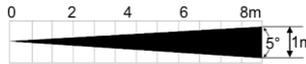
DPC

Installation Instructions

English



1	LED
2	Lens
3	Tamper Switch
4	Test/Enrollment button
5	Battery
6	LED/Sensitivity Jumpers
7	Mounting Holes (Back Side)



Coverage pattern

DPC Wireless Curtain PIR Motion Detector

The DPC is a wireless curtain PIR (Passive Infra Red) motion detector in FastLink technology, designed for PIMA intruder alarm systems. The FastLink communication is encrypted using true, 128-bit AES encryption for a high level of security. Using the DPC requires the installation of a wireless receiver.

The DPC micro-chip based detector is designed for the protection of doors, windows and all-glass walls, and can be used in apartments, private houses and offices.

The DPC has an elegant design. When detecting a movement the detector transmits an alarm signal to the control panel. The detector has a tamper switch that alerts when the enclosure is opened or removed from the wall.

The DPC transmits a supervision event when replacing the battery and also every 15 min. The detector alerts on low battery condition.

For enrollment information, see the alarm system's Installation guide.



Cautions: the DPC is based on wireless (RF) transmissions. Any wireless transmission can be subject to RF interference and, although unlikely, this interference may cause the DPC to not operate as intended. RF transmissions will be attenuated by tinted glass, in wall isolation with metal foils, metal objects, etc.

Content of the product package

- DPC detector
- Screw, mounting tapes
- This guide

Technical specifications

- Frequencies (MHz):
 - DPC143: 433.92
 - DPC187: 868.95
- Battery: 1X CR123A, 3VDC, Lithium
- Battery Life: Up to 5 years (Normal Usage)
- Sizes: 9 X 3.5 X 4 cm
- Weight: 110gr
- CE Compliance
- Temperature: 0 to +50 °C
- Humidity (Max.): up to 93% R.H., Non-condensing.

Mounting considerations

- Surface mount the detector at a height between 1.8m and 2.2m.
- Mount the detector where an intruder will most likely cross through the coverage pattern; the detection range is 8m at 5 degrees.
- Do not mount the detector outdoors or where direct sunlight can reach it.
- Do not mount the detector in areas with large metallic surfaces such as heating ducts or electrical wiring.
- Do not mount the detector where there are extreme levels of heat and light from heaters and air conditioners, hot and cold drafts, lightning, and moving headlights.

How to install the DPC

1. Insert a flat-head screwdriver to the notches at the bottom of the detector and open the enclosure.
2. Break the knock outs (no. 7 in the figure above) on the backplate and fix it onto a flat surface.
3. Place the battery. Observe polarity!
4. Set the LED jumper; see below.
5. Reassemble the detector.
6. Enroll the detector (see the alarm system's installation guide for details) and test it.
7. Fasten the supplied screw at the bottom of the detector.

The LED

The LED blinks on every alarm transmission and indicates on the following states:

Color and state	Description
Green 1 blink	Battery OK, tamper closed
Red 1 blink	Battery OK, tamper open
Red 2 blinks	Low battery

Jumpers

Label	Closed (on)	Open (off)
LED	The LED illuminates	The LED is off
SENS, PULSE	Not in use in this model	



How to test the detector

To test the detector, tamper it by opening its cover. The detector transmits a tamper event and enters into test mode for 5 minutes. During this time the LED will flash once on every detection (ignoring the LED jumper state). After 5 minutes the detector is rearmed.

Sleep time

The detector's sleep time is 3 minutes - after transmitting a detection event, the detector will not transmit any detection event for that time (unless it is in test mode).

Battery

The detector is powered by a 3V, CR123A Lithium battery. The battery's life expectancy is 3 years, with an average of 20 detections per day. Before installing a new battery, press the enrollment button 3 times to discharge excess power. After replacing the battery the detector warms up for one minute and enters test mode for five more minutes. When this time expires the detector is armed.

Low battery condition is detected when the battery voltage drops below 2.6V. After that the battery can last for up to one month.