

Wireless motion detector EWP3

Pet immune indoor PIR and temperature sensor



What is ELDES wireless motion sensor EWP3?

New ELDES motion sensor EWP3 is a wireless device intended to secure the premises by motion detection. New generation ELDES wireless technology enables to reach breakthrough wireless distance of 3000 m in open spaces with ESIM384. Wireless devices battery lifetime increased 2x and reached 36 months operating time.

In addition, the device comes equipped with a built-in Dual PIR sensor, the PET immunity feature and 2 built-in tamper switches for EWP3 sabotage detection.



What EWP3 does?

EWP3 is a wireless device intended to secure the premises by motion detection. Due to the dual element technology of a built-in PIR sensor, the device features the pet immunity against the animals of up to 40 kg weight in order to prevent them from causing false alarms while moving within the secured premises. In addition, EWP3 comes equipped with 2 built-in tamper switches for sabotage detection. Due to the power saving mode, battery operation time last up to 2 times longer. In order to start using EWP3, it has to be paired with ELDES alarm system using ELDES Configuration software or by sending a corresponding SMS text message to ELDES alarm system.

It is possible to pair up to 16 EWP3 devices with Pitbull Alarm and Pitbull Alarm PRO systems, while with ESIM364 and ESIM384 alarm systems – up to 32 EWP3 devices at a time. The maximum wireless connection range is 3000m (in open areas).

Main features

Built-in dual element passive infrared (PIR) sensor	2 built-in tamper switches: on the front and on the back of the PCB
Built-in temperature sensor	Pet-immune, up to 40kg
Built-in temperature sensor	Intelligent power saving mode

Specifications

Battery type	3V lithium CR123A type, CR17345 (IEC) / 5018LC (ANSI/ NEDA)
Number of batteries	2
Battery operation time	up to 36 months*
Wireless band	ISM868 or ISM915**
Wireless communication range	Up to 3000m (-9843ft) in open areas
Detection coverage angle	90 °
Maximum detection distance	11 m (36.09ft)
PET immunity	up to 40kg (88.1bs)
Range of operating temperatures	-10... +55°C (+14... +131°F)
Humidity	0-90% RH 0... +40° [(0-90% RH +32... +1 04°F) (non-condensing)
Dimensions	24x 67x 58mm (4.88x 2.64x 2.28in)
Compatible with alarm systems	ELDES wireless

* The operation time might vary in different conditions

** Depends on region



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