

TX-2213-03-1

Wireless PIR 12m 868AM Gen2

One way transmitter

The sensor has a chip tuned wireless transmitter that communicates with a 868AM Gen2 receiver as, for example the ATS1235. The learn-in process of the sensor is identical to the process used with legacy sensors. Each sensor reports a unique ID code with each transmission. The sensor also reports the battery and transmitter condition (supervisory signal) to the panel every 18 minutes.

Mirror power

The patented optical mirror technology gives the advantage of gliding focus, which creates a volumetric detection curtain from floor level up to installation height resulting in a sensor that never loses track of the object. The PI optical mirror is specially designed to ignore pets moving around on the floor without compromising detection performance for humans. In these series we are using a dual element digital pyro generating two volumetric curtains for each of the nine curtain sets.

5D signal processing

The unique 5D signal processing technology will look for a match in shape, size, speed, duration and environment to decide on an alarm condition. The result is a unique combination of high detection sensitivity with high false alarm immunity.

Ease and flexibility of installation

1. Easy opening and closing system.
2. Easy access when changing the batteries.
3. Easy access to the mirror optics.
4. Tolerates wall angle deviation and different mounting heights.
5. Limited loss of coverage when objects are placed in the field of the PIR vision.
6. One mounting plate for all sensors in the series.

Other members of the family

This family includes motion sensors with variants in detection ranges and a Pet Immune variant. The consistent family aesthetics between the various models ensure a professional approach when installing different sensor types.



Kenmerken

- Proven mirror optics inside to get a dense coverage pattern
- Selectable coverage pattern using mirror masks
- Full under crawl detection
- "5D" signal processing for false alarm immunity
- Auto focus with constant range sensitivity
- No adjustment required for different mounting heights
- Tolerates wall angle deviation
- End-user friendly product design for exchanging batteries
- 5-years battery life with 1 battery
- Holding several security approvals

TX-2213-03-1

Wireless PIR 12m 868AM Gen2

Technische gegevens

General	
Technology	PIR
Anti masking	No
Pet immune	No
Camera	No
Detector start-up time	1 min
Pry-off tamper kit	On board
Detection	
Detection range selection	6 or 12m
Undercrawl protection	Yes
Coverage (field of view)	86°
No. of curtains	9
Target speed range	0.3 m/s to 3 m/s
Detection modes	standard 3D or bi-curtain
Wired/wireless	
Wired-Wireless	Wireless
Wireless frequency	868 MHz AM
RF range (open air / obstructed), typical	600 m / 40 m
Electrical	
Current consumption	22 µA (avg.), 50 mA (max.)
Batteries	1 x CR123 (3.0 V, 1300 mAh lithium)
Battery lifetime	5 years
Physical	
Mounting height	1.8 to 3 m
Physical dimensions	130 x 69 x 53 mm
Net weight	146 g
Environmental	
Operating temperature	-10° tot +55° C
Relative humidity	95% max. noncondensing
Environment	Indoor
IP-rating	IP30 IK02
Standards & regulation	
Certification	INCERT
EN50131 Grade	Grade 2

Bestelinformatie

Type nummer	Omschrijving
TX-2213-03-1	
TX-2213-03-1	Wireless PIR 12m 868AM Gen2

