TX-2344-03-1-N

PIRcam wireless motion sensor / camera, VE, 12 m

Wireless PIR Camera

The TX-2344-03-1 PIR Camera is a Vector Enhanced (VE) PIR motion sensor combined with a Day/Night camera and IR illumination. The unit is battery powered with an optional 12v wired connection. The camera field of view and contrast has been set to ensure the best picture quality. Consequently, no setting or adjusting is required.
The purpose of this product is to capture evidence of any event in the system. The Camera will take by default 3 pictures when its motion sensor triggers an alarm event. Besides its own PIR trigger, the camera can also be configured to take pictures on any other event, e.g. alarm trigger door contact, Fire alarm, arming the system, opening a door,...etc.
The pictures can be transmitted to a monitoring station or end user's phone with the purpose of alarm verification or any other follow up.



Camera

The camera field of view and contrast has been set to ensure the best picture quality. Consequently no setting or adjusting is required. It contains a Day/Night camera which results in color images during daylight and will benefit from its IR illumination during low light conditions.

Vector Enhanced motion sensor

The VE series of motion detectors incorporate patented Vector Verified Enhanced (V2E) signal processing. Each type of signal source will generate a unique vector output captured by the Vector pyro. The digital signal processing will analyze each vectors shape and pattern, allowing it to distinguish different signal sources. It means that VE series motion sensors will not only identify non-thermal signal sources, but also filter out any potential nuisance signals such as stationary thermal sources, ventilators or strong light sources, and react only to alarm signals from intruders. Our PIR motion sensor with vector pattern recognition is unique.

Details

- Wireless motion sensor with integrated camera
- Day/Night camera with same viewing angle as sensor
- Aritech mirror optics for superior detection via Vector Enhanced technology
- 12 m IR illumination to operate under low light conditions
- Any event in the system can be configured to trigger the camera
- Interactive LED for easy installation
- Long battery life (depending on use case scenario)

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Technical specifications

General

Technology	PIR
Application type	Wall mount
Anti masking	No
Pet immune	No
Camera	Yes

Detection

Max. detection range	12 m
No. of curtains	9
Coverage (field of view)	86°
Undercrawl protection	Yes

Wired / wireless

Wired / wireless	Wireless
Wireless frequency	868 MHz AM

Electrical

Power supply value	12 VDC
Current consumption	50 µA average standby
Batteries	3 x 3 V Lithium

Physical

Physical dimensions	67 x 123 x 50 mm
Colour	White
Mounting height	2.1 to 2.4 m

Environmental

Operating temperature	-10 to +55°C
Relative humidity	95%
Environment	Indoor

Regulatory

EN50131 Grade	Grade 2

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