EVERON-PCAM

Everon Blinx - Wired PIR sensor with integrated camera

Integrated camera and PIR

The Everon Blinx is a combination of a passive infrared detector (PIR) and a built-in high resolution colour camera as part of the Everon intrusion platform. The Everon Blinx helps to distinguish between true and false alarms thus increasing overall efficiency and improving response to alarms.

As a result, the Everon Blinx is a valuable enhancement to any residential or commercial security system, offering visual verification of alarm events. This enables operators at Central Monitoring Stations to prioritize follow-up actions more effectively.

The Everon Blinx cylindrical shape and curved front surface give it a sleek, modern appearance that blends into various environments. The front-facing camera lens subtly integrated, indicates its focus on discrete surveillance.



Camera

The camera’s field of view and contrast are optimized to deliver high-quality video, even in low-light or nighttime conditions, eliminating the need for manual adjustments.
Monitoring stations receive recorded streaming video rather than a series of still images, enabling more effective alarm verification. Additionally, end-users can access the Everon Blinx live video or recorded video clips through the App when connecting to the Everon security system.

PIR

The Everon Blinx features a 12 meter passive infrared detection range. Powered by Aritech’s advanced mirror optics and neural technology, the Everon Blinx brings high detection accuracy.

Installation

For proper installation, we recommend using a Cat 5 twisted pair Ethernet cable for the communication between the Everon Blinx and the Everon panel. Up to 6(*) Everon blinx's can be connected to the panel's fast databus BUS3 and they can easily be enrolled through the panel’s web application.

Détails

- Up to maximum 6 Everon Blinx's per Everon system (*)
- 4-wire bus connection supporting distances up to 100 meters
- 9 high-density mirror curtains for precise motion detection
- Uses UltraSync protocol for secure and reliable communication
- Automatic switching between day and night modes
- Real-time video streaming via Edge API directly to CMS
- Pre- and Post-trigger recording
- Integrated with the Advisor Advanced Mobile Application
- Configuration through the Everon Web Application

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Spécifications techniques

Général

Technologie	PIR
Anti-masquage	Non
Insensible aux animaux	Non
Caméra	Oui
Temps mise en route du détecteur	60 s

Détection

Portée de détection	12 m
Nbre de rideaux	9

Filaire / sans fil

Filaire / sans fil	Câblés

Électrique

Valeur de l'alimentation	9 to 28 VDC (12 VDC nominal)
Consommation de courant	Night mode: 142 mA max., day mode: 100 mA max.

Caractéristiques physiques

Dimensions physiques	128.0 x 64.4 x 68.0 mm
Poids net	185 g
Couleur	Blanc
Hauteur de montage	2 to 3 m

Environnement

Température de fonctionnement	−10 to +55°C
Humidité relative	95% max., noncondensing
Indice de protection	IP30 IK04

Régulateur

EN50131 Grade	Grade 2
Certification	EN50131 Grade 2, INCERT, SBSC

General

Motion / event triggered video clip	Triggered by control panel Linked to zone
Pre-recording	5 sec.
Post-recording	10 sec.
Video transmission	Via panel ethernet connection

Detection

Viewing angle	78 degrees
Upright target speed range	0.1 to 3.0 m/s
Crawling target speed	0.2 m/s min.

Camera

Video resolution	1080p (1280 x 1080)
Colour modes	Colour / Black and white
Night illumination	Up to 7 m
Frame rate	5 fps (640 x 540), 10 fps (1280 x 1080)
Video format	RTSP

Electrical

Wiring	Everon fast data bus (BUS3) (*) up to 6x Everon Blinx's of which max. 5x powered from BUS3

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