# EVERON-PCAM

## Sensore con telecamera integrata

### Integrated camera and PIR

The PIRCAM 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 PIRCAM helps to distinguish between true and false alarms thus increasing overall efficiency and improving response to alarms.

As a result, the PIRCAM 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 PIRCAM 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 PIRCAM live video or recorded video clips through the App when connecting to the Everon security system.

### PIR

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

### Installation

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




### Dettagli

- Fino a un massimo di 6 PIRCAM per i sistemi Everon (*)
- Connessione sul bus a 4 fili per distanze fino a 100 metri
- Specchio a 9 tende ad alta densità per una rilevazione precisa
- Utilizza il protocollo UltraSync per una comunicazione sicura e affidabile
- Passaggio automatico dalla modalità giorno alla modalità notte
- Streaming video in tempo reale tramite Edge API direttamente verso la centrale operativa della vigilanza
- Registrazione Pre- e Post- evento
- Integrata nell'applicazione Advisor Advanced Pro
- Configurazione della PIRCAM tramite la Web App di Everon

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## Specifiche tecniche

### General

| | |
|---|---|
| Technology | PIR |
| Anti masking | No |
| Pet immune | No |
| Camera | Yes |
| Detector start-up time | 60 s |
| Motion / event triggered video clip | Triggered by control panel<br>Linked to zone |
| Pre-recording | 5 sec. |
| Post-recording | 10 sec. |

### Detection

| | |
|---|---|
| Detection range | 12 m |
| No. of curtains | 9 |
| Viewing angle | 78 degrees |
| Upright target speed range | 0.1 to 3.0 m/s |
| Crawling target speed | 0.2 m/s min. |

### Wired/wireless

| | |
|---|---|
| Wired-wireless | Kablede |

### Electrical

| | |
|---|---|
| Power supply value | 9 to 28 VDC (12 VDC nominal) |
| Current consumption | Night mode: 142 mA max., day mode: 100 mA max. |
| Wiring | Everon fast data bus (BUS3)<br>(*) up to 6 PIRCAMs of which max. 5 PIRCAMs powered from BUS3 |

### Physical

| | |
|---|---|
| Physical dimensions | 128.0 x 64.4 x 68.0 mm |
| Net weight | 185 g |
| Colour | Hvid |
| Mounting height | 2 to 3 m |

### Environmental

| | |
|---|---|
| Operating temperature | −10 to +55°C |
| Relative humidity | 95% max., noncondensing |
| IP rating | IP30 IK04 |

### Regulatory

| | |
|---|---|
| EN50131 grade | Lønklasse 2 |
| Certification | EN50131 Grade 2, INCERT, SBSC |

### 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 |

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