

# The Predator

THE ULTIMATE IN SITE PROTECTION



Discover the difference of solar-powered security and worldwide cellular coverage

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The ultimate security camera system, the Predator combines instantaneous image and video alerts with best-in-class infrared night vision. Thermally activated motion detection provides video alerts when human and vehicle traffic is detected.

## Remote Location?

Not a problem for the Predator! With wire-free connectivity and fully autonomous solar-powered operation, the predator provides unmatched surveillance of your site.



Solar-powered with rechargeable battery back-up for wire-free operation



3G/4G worldwide cellular connection



Thermal Night Vision captures images otherwise hidden to the human eye



Durable enough for any climate or worksite



Custom lens and mount options to suit your specific needs with easy installation



Industry-leading motion sensors send immediate alerts when triggered



24/7 Cloud-based portal allows monitoring from anywhere



Live view images available upon request via our software

## Site Surveillance & Security

Remotely monitor your secure site with 5MP / 2592 x 1944 HD images and use our software to zoom into far reaching areas. Utilize the wireless remote motion sensor to detect motion from the back corners of your site providing more coverage than just the motion sensor on the camera. The Predator night vision provides great detail from 100 ft. (30 m) away allowing you the ultimate in site protection.



## Predator

# System Components



**Predator Camera**

**Solar Panel**

**Wireless Remote Sensor**

**Battery Charger**



## **CHANGE YOUR PERSPECTIVE WITH The Predator PTZ**

The Eye Trax Predator series consists of two models: the fixed-mount Predator (shown above) and the Predator PTZ. Equipped with the same security features as the fixed-mount version, the Predator PTZ (Pan-Tilt-Zoom) additionally allows you to remotely change the viewing direction of the camera. Zooming is executed digitally with the viewing software on the screen delivering even greater control of the surveillance of your site.

## PREDATOR SPECIFICATIONS

### POWER

**Primary Source:**  
Solar (30-watt panel)

**Secondary Power:**  
Internal Lithium Ion Battery

**Battery Life:**  
7-Days (no sun exposure)

**Optional Power:**  
110/220 VAC (using charger)

### CONNECTION

**Transmission:**  
3G/4G Cellular

**Antenna:**  
Removable SMA 5db Gain

### IMAGING

**Image Resolution:**  
5MP / 2592 x 1944

**Video Resolution:**  
1920 x 1080 @ 3 frames/second

**Video Length:**  
30 Second Clips Upon Motion Detection

**Fixed Lens Options:**  
42° / 6.0 mm (standard)  
22° / 12 mm (telescopic)  
\*lenses installed at factory\*

**Capabilities:**  
Live Image (on demand)  
Scheduled Image Acquisition  
Motion-Activated Video Clips

### CLOUD SERVICES

**Software:**  
Web-Based & Mobile Application

**Storage:**  
Video and Image Archive (12 months)

### SECURITY

**Motion Sensor Technology:**  
Thermal Detection (PIR)  
Detects Changes In Thermal Activity.

**Motion Detection Distance:**  
Camera Sensor 40 ft. (12m)  
Remote Wireless Sensor 140 ft. (43m)

**Night Vision Technology:**  
Invisible Infrared Light  
Black & White Images & Video

**Night Vision Distance:**  
100 ft. (30m)

**Alerts:**  
Text Messages  
Email Notifications

### PHYSICAL

**Camera Dimensions:**  
(L) 11 in. x (W) 5 in. x (H) 5in  
28 cm x 13 cm x 13 cm

**Camera Weight:**  
6 lbs. (2.7 kg)

**Solar Panel Dimensions:**  
(L) 21 in. x (H) 16 in. x (W) 1 in.  
53 cm x 41 cm x 3 cm

**Solar Panel Weight:**  
8 lbs. (3.6 kg)

### PAN & TILT (optional)

**Pan Range:**  
0° to 356°

**Tilt Range:**  
0° to 70°

**Weight w/ Bracket:**  
8 lbs. (3.6 kg)

### ENVIRONMENTAL

**Operation Temperature Range:**  
-40 °F to 140 °F  
-40 °C to 60 °C

**Camera Housing:**  
Weather-Proof Aluminum  
Explosion Proof  
IP66 Rating

## Predator Security

### Motion Detection



#### **Better Sensors. Better Security.**

Eye Trax cameras employ revolutionary passive infrared (PIR) sensors that use thermal technology to detect and send video alerts of true disturbances on your site. Our PIR sensors virtually eliminate false alarms by creating a thermal grid that only triggers alerts when a new thermal profile (human or vehicle) disturbs the detection area.

### Night Vision



#### **Can Your Camera See in the Dark?**

With infrared imaging, the Eye Trax Predator security camera keeps your site secure any time day or night. If a PIR sensor is tripped, our state-of-the-art night vision imaging springs into action to capture video clips in real time. The Predator night vision provides up to 100 feet (30m) of light that is invisible to humans but provides great detailed video clips.

### Alert Notifications



#### **When Seconds Count, We Deliver.**

The Eye Trax Predator ensures that you get notified immediately when unauthorized motion is detected on your site. You will receive a video text alert of each and every disturbance, or if your cameras are being monitored by a security command center, our cloud software will highlight the camera view in red. Alert notifications are sent immediately after a sensor is triggered, keeping you connected to your site in real time.

# Predator Technology

## Security Powered by the Sun



### 100% Solar-Powered. 100% Wire-Free.

With Eye Trax, you get a security camera system that allows for autonomous operation no matter how remote your location—thanks to the power of the sun. With just a minimum of six hours of direct sunlight, Eye Trax solar panels can effectively charge your cameras for seven days and nights of continuous operation.

### Quick Tech Specs:



**Required direct sunlight:**

6 hours



**Maximum distance panel to camera:**

100 ft. (30 m)



**Battery backup (no sun):**

7 days

## Our Cloud Has You Covered

**SERVICES. SOFTWARE. STORAGE.**

### Services

As part of our expansive cloud services, we predetermine the best cellular provider for the location of your Eye Trax Predator so you never have to worry about finding a signal. Your camera system arrives ready to operate, automatically connecting to the nearest cellular tower as soon as you power it on.

### Storage

Our cloud services include unlimited cellular data transfer from each Eye Trax camera to our media storage system in the cloud. With photos and videos organized chronologically, you will easily be able to pinpoint the images you need when you need them.

### Software

View, connect and control your cameras from anywhere with our cloud-based software. Using any web browser, you can access to your camera's command center, which allows for monitoring of your site through Live Look images and videos. You can share photos, request live pictures, browse previous images and videos, adjust settings and create time-lapse videos to take full control of your site's security from palm of your hand.