

The Ranger

RUGGED. REMOTE. RELIABLE.



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

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Our most popular camera system, the Ranger, offers groundbreaking motion-sensing technology and best-in-class infrared night vision to give you a complete security solution for your site.

Remote location? Not a problem for the Ranger. With wire-free connectivity and fully autonomous solar-powered operation, the Ranger 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

Weather-tested and tough enough to handle the conditions of any site, the Ranger transmits motion-activated video clips, prescheduled images or live images upon request via our cloud-based software.

Experience the freedom of reliable remote security with the Eye Trax Ranger security camera.



RANGER

System Components



Ranger Camera

Solar Panel

Wireless Remote Sensor

Battery Charger

CHANGE YOUR PERSPECTIVE WITH The Ranger PTZ

The Eye Trax Ranger series consists of two models: the fixed-mount Ranger (shown above) and the Ranger PTZ. Equipped with the same security features as the fixed-mount version, the Ranger 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.



RANGER 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:
2MP / 1920 x 1080

Video Resolution:
1920 x 1080 @ 3 frames/second

Video Length:
10 second clips upon motion detection

Fixed Lens Options:
42° / 6.0 mm (standard)
74° / 3.6 mm (wide-angle)
22° / 12 mm (telescopic)
lenses installed at factory

Capabilities:
Live image request
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

RANGER

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 Ranger 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 Ranger can send clear videos of disturbances up to 100 feet (30 m) away any time day or night – showing you things many other security cameras can't see.

Alert Notifications



When Seconds Count, We Deliver.

The Eye Trax Ranger ensures that you get notified immediately when unauthorized motion is detected on your site. You will receive a text alert image with a short video clip of the 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.

RANGER 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 Ranger 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.