POWERED BY reconeyez

Sentry

AN ALL-IN-ONE AUTONOMOUS SECURITY TOWER

Sentry

is an all-in-one PID security solution guaranteed to detect and deter intruders with minimal setup and maintenance costs.

A Sentry combines four Reconeyez detectors, a bridge, a siren, a solar panel, and a solar flash in one sturdy tripod unit.

The Sentry is fully wireless and has a near-infinite battery life. It uses AI to reduce false alarms by 95% and takes only 20 minutes to install.

Provide exceptional security at a low total ownership cost with Sentry

- Secure any site regardless of technical limitations
- Eliminate false call-outs and cut down on maintenance visits

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230 ft detection range

Reconeyez detectors have a detection range that is 2-3 times greater than our competitors'. The Sentry is armed with 4 Reconeyez detectors, allowing you to cover a 230 ft distance in both directions.

Deployed in 20 minutes

The Sentry units are fully wireless, with no need for power or network cables. To make installation even easier, you can get a visual coverage preview and a walk test straight from our installation app.

(Almost) infinite battery life

We use best-in-class rechargeable batteries, low-power radio communications, and patented proprietary PIR to extend the battery life of our devices. The Sentry units have (almost) infinite battery life, thanks to the integrated solar panel.

The batteries in our test units never dropped below 80% during a year in the field.

95% false alarm reduction

Reconeyez AI model has been used to analyze millions of alarm photos across thousands of detectors. The AI detects people, vehicles, and animals while eliminating false alarms from stationary objects like parked cars.

Sentry height 7.5 ft

Solar panel

Solar flash

Front maintenance access panel

Bridge enclosure - housing Bridge 4G with external antennas (dual)

4 Detectors, each with up to 115 ft detection range

Siren (108 dBA) with red beacon

Tripod unit

Ground fixing points

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Features

- IP 67 rated
- Fully customizable
- Full HD images day and night
- Fully wireless
- Remote management via Cloud

How does it work?

- The PIR detector detects movement
- An image is taken and sent to the Cloud via the Bridge
- Image is analyzed by AI object detection
- The alarm image is sent to the monitoring centre or Reconeyez Cloud
- The siren and flashing light are turned on automatically or remotely via the Cloud

Developed for the NATO border

Reconeyez was originally developed for the Estonian Border Guard to protect remote stretches of the NATO border.

Reconeyez devices are used by the military and border forces, and security companies in over 60 countries.

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Detector

The Detector is a battery-powered camera that is triggered by motion detection or a tamper sensor. It can also be activated at preconfigured times set by an operator. The Detector uses a passive infrared (PIR) sensor and signal analysis to track thermal signature across the monitored area. Upon detecting motion, an alarm is triggered, and the camera turns on, with its detection capability extending up to 115 ft.

Security system by Reconeyez
working seamlessly as one

Siren

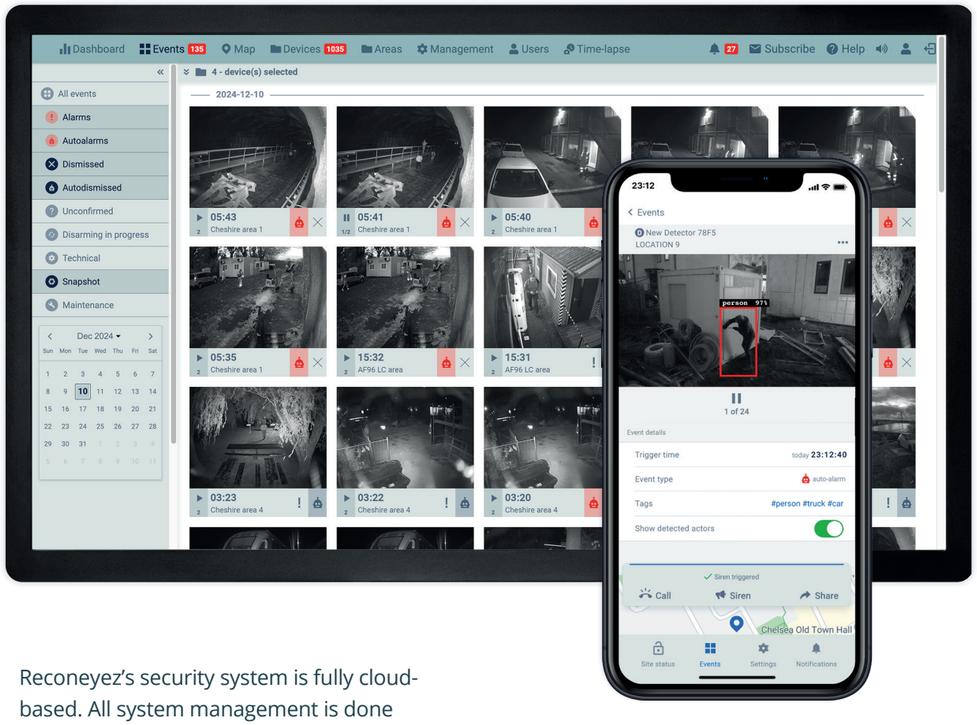
The Siren provides both sound and visual alerts to signal an alarm condition in a monitored area. The specific events that activate the siren can be programmed remotely via the Cloud, or it can be manually triggered by an operator. With a sound intensity of 108 dB, the siren is as loud as a live rock concert.

Bridge

The Bridge serves as a robust and secure means of communication, leveraging 4G technology to connect Detectors to the Reconeyez Cloud. It enables swift bidirectional data exchange with the Reconeyez Cloud from any location globally.

Receive alarms, activate sirens, and view device statuses

straight from your existing monitoring system for alarm management.



Reconeyez's security system is fully cloud-based. All system management is done remotely via the Cloud dashboard or the Reconeyez app, and the alarm images, settings, and statistics are stored on secure servers.

The cloud also houses our AI alarm verification software.

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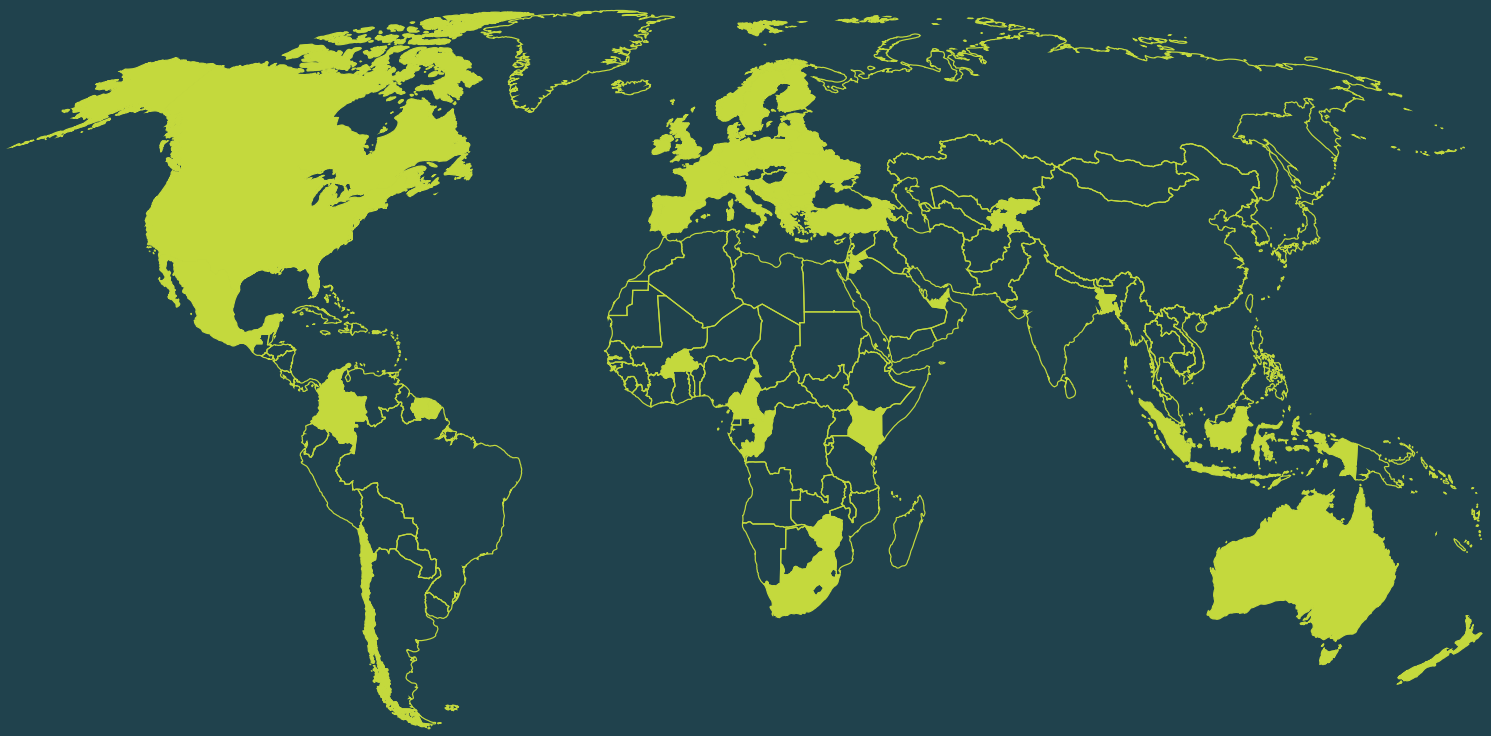

Used in **60+ countries**

Trusted by military and border control

30 000+ active devices

2M+ images analyzed a day by our AI