

 reconeyez

Wireless outdoor security system

for a reliable service at a
low total ownership cost



**HOW DOES
IT WORK?**



Reconeyez

is a wireless outdoor intrusion detection system with AI visual verification.

The Reconeyez system includes PIR detectors, 4G bridge communication gateways and other devices like a siren, keypad, and an I/O bridge—all configured and managed from the Cloud.

The Reconeyez security system is fully wireless and has a battery life of up to 400 days, which can be extended near-indefinitely with solar panels. It uses AI to reduce false alarms by 95% and takes only 2 minutes per device to install.

Provide exceptional security at a low total ownership cost

- Secure any outdoor site regardless of technical limitations
- Eliminate false call-outs and cut down maintenance visits
- Receive AI-verified alarms within seconds

Features

Full HD images day and night

AI-verified alarms delivered in seconds

IP 67 rated

Fully wireless

Remote management via Cloud

Deployed in minutes

Ideal for

Site security

Perimeter and asset protection

Security and progress monitoring

Illegal dumping prevention



Cut ownership costs

- Reduce maintenance visits
- Eliminate false call-outs
- Cover the same area with fewer units



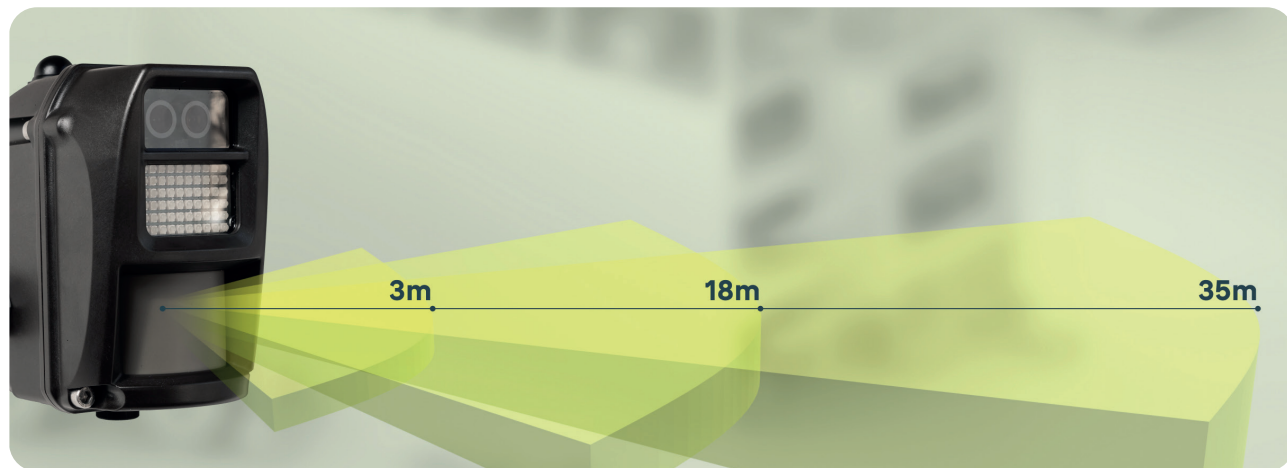
Reach new clients

- Secure remote sites with no Wi-Fi and power
- Expand your geographic reach



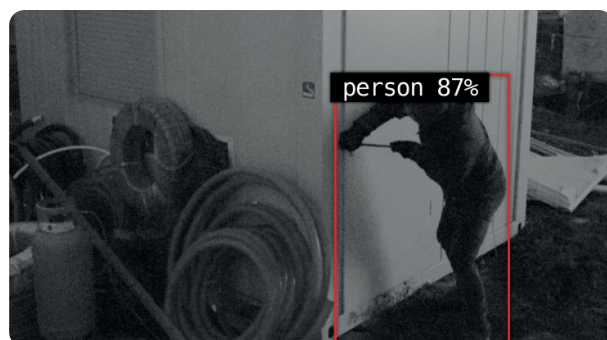
Provide a high-quality security service

- Improve visual verification
- Peace of mind in extreme conditions



35 m detection range

Reconeyez detectors have a 2-3 times greater detection range than our competitors'. Our LED flash is optimised to illuminate the whole 35 m detection area, guaranteeing high-quality alarm photos across the whole alarm area day and night.



95% false alarm reduction

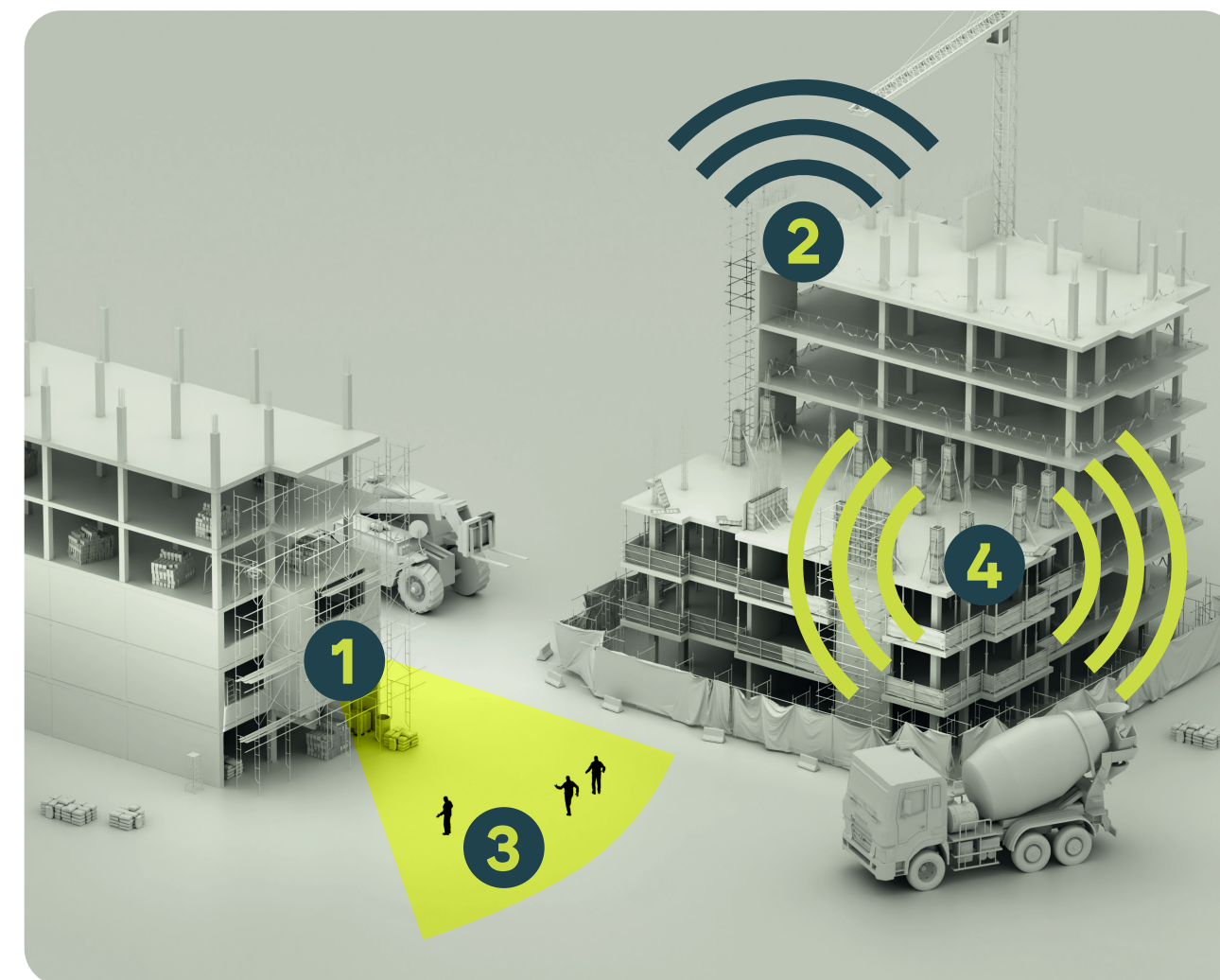
Reconeyez AI model has been used to analyse millions of alarm photos across thousands of detectors. The AI detects people, vehicles, and animals while eliminating false alarms from stationary objects like parked cars.



(Up to) 400-day battery life

Our security system is optimised for long battery life: we use best-in-class rechargeable batteries, low-power radio communications, and patented AI proprietary PIR. With our solar panels, the battery life of our security system is extended even further.

How does it work?



1

The **Detector's** PIR sensor detects movement, camera is activated and an image is taken.

2

The image is sent to the Cloud via **the Bridge**.

3

Image is analysed by **AI object detection** and is sent to the monitoring centre or Reconeyez Cloud

4

The Siren's alarm is verified and triggered on-site. A response unit is dispatched if needed.

Devices



The Detector

The Detector is a battery-powered camera that is triggered by a PIR or tamper sensor. It can also be activated at preconfigured times set by an operator. The Detector takes HD-quality images and has a detection range of up to 35 m.



The Bridge

The Bridge connects Detectors to the Reconeyez Cloud, leveraging 4G technology. It enables swift bidirectional data exchange with the Reconeyez Cloud from any location globally.



The Siren

The Siren provides sound and visual alerts to signal an alarm condition in a monitored area. The Siren can be triggered automatically and manually. With a sound intensity of 108 dB, the Siren is as loud as a live rock concert.

Security system by Reconeyez

working seamlessly as one



The Keypad

Arm and disarm the site without logging into the Cloud. Our Keypad uses user-associated pin codes, so you can keep track of who accesses your site.

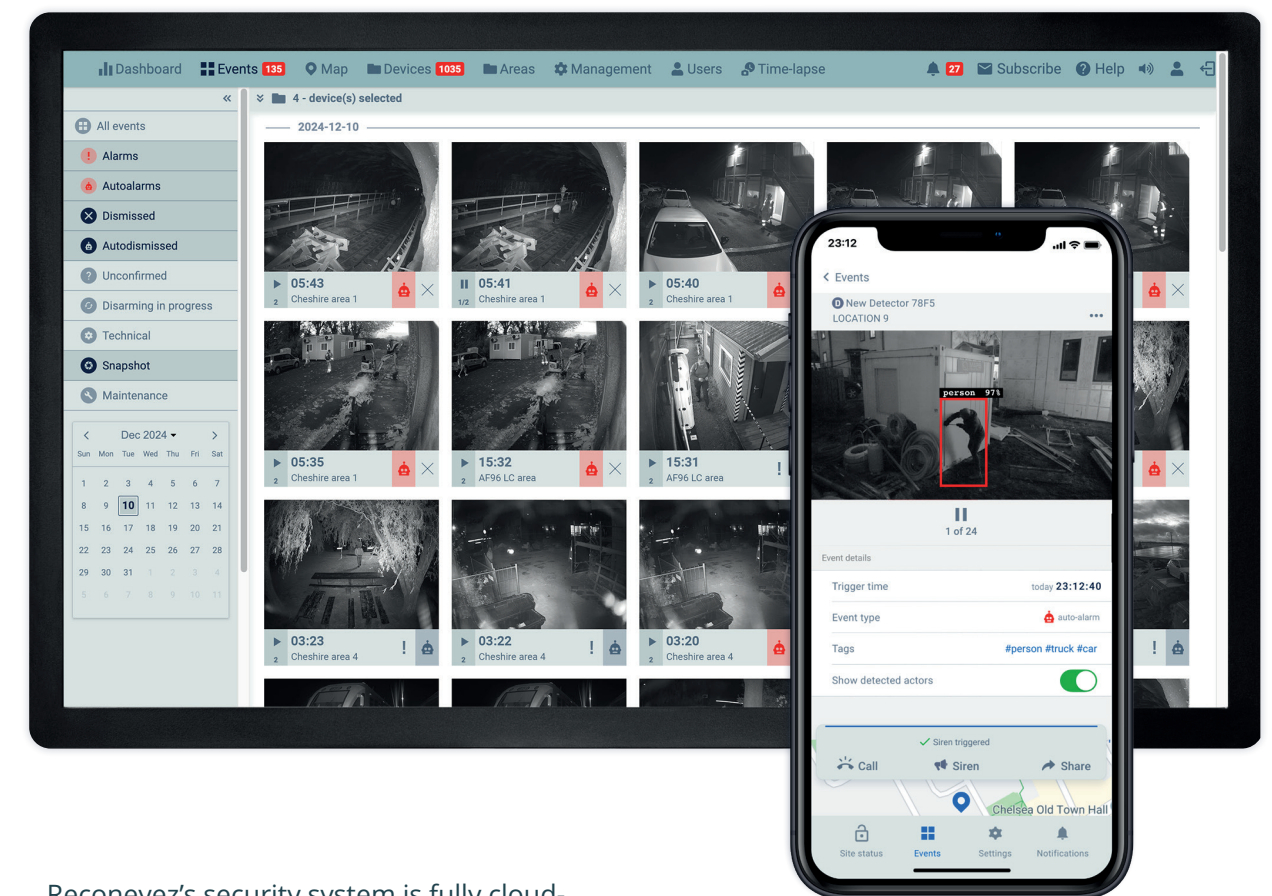


The Bridge I/O

Integrate the Reconeyez system into your existing security setup or tailor a bespoke solution. Our Bridge I/O has 5 outputs, 3 inputs, and endless integration options.

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.

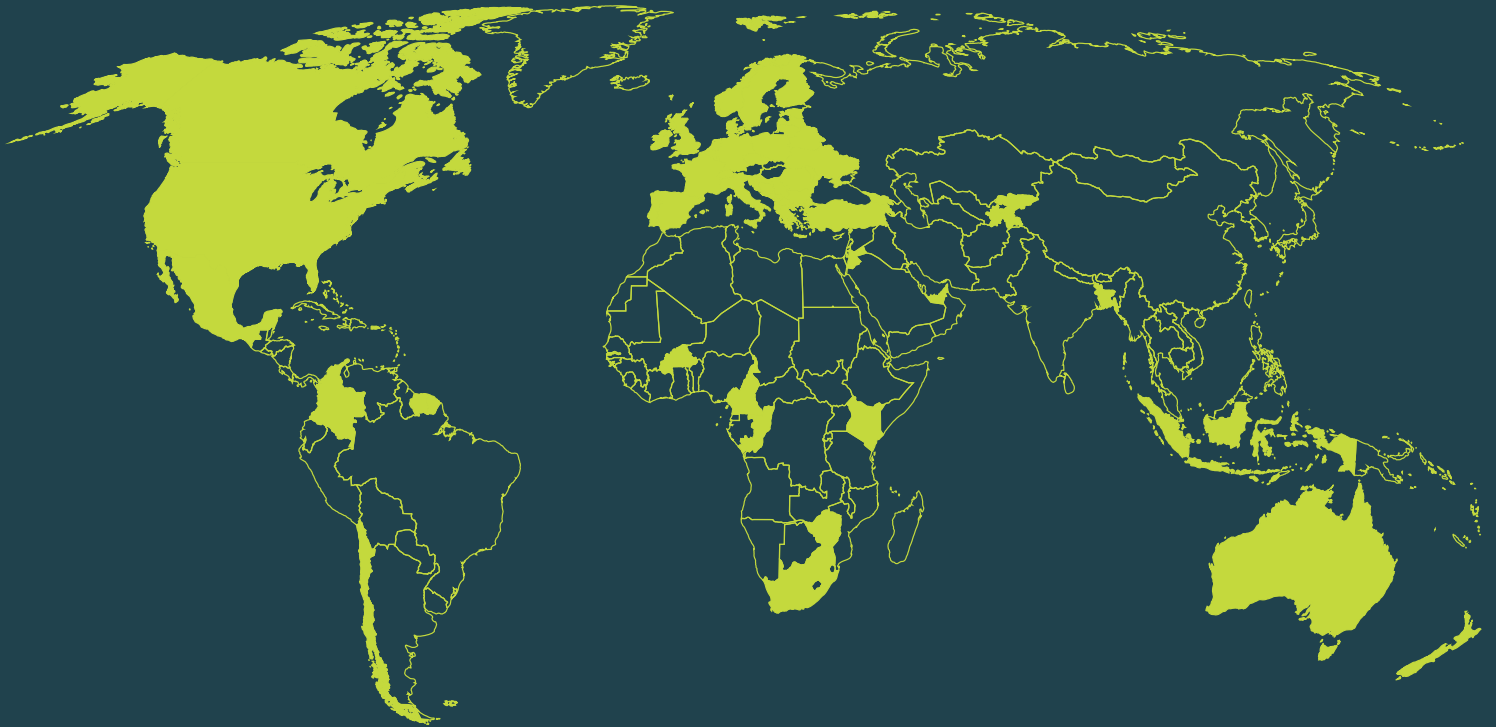
The Cloud also houses our AI alarm verification software.



Contact us

uksales@reconeyez.com
www.reconeyez.com

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LinkedIn**



Used in
60+ countries



**Trusted by
military and
border control**



30 000+ active devices



2M+ images
analysed a day
by our AI