

PRODUCT GUIDE

Reconeyez wireless outdoor security system:

How does the Reconeyez system 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.

Detector

MODEL NUMBER:

72007, 72008 & 72009

General

Operating temperature range

-40°C to +60°C

-40°F to +140°F

IP rating

67 (waterproof)

Motion Detection

Maximum detection range

35M/114.8 ft

Radio

Max LOS distance

500M / 1640.42 ft

Camera

Image resolution (day)

1920 x 1080

Image resolution (night)

1280 x 960

Illumination

IR flash (940nm)

Battery

Type

Rechargeable Li-Ion

Lifetime

up to 400 days standby /

up to 16,000 events



Number plate detector

MODEL NUMBER:

72011 & 72012

General

Distance Detector to vehicle

8mm lens - optimised for vehicles

6 - 12M/20-40 feet

12mm lens - optimised for vehicles

9 - 18M/30-60 feet

Operating temperature range

-40°C to +60°C

-40°F to +140°F

IP rating

67 (waterproof)

Detection

Maximum detection range

35M/114.8 ft

Radio

Max LOS distance

500M / 1640.42 ft

Camera

Monochrome image only

Image resolution

1280 x 960

Illumination

IR flash (940nm)



Battery

Type

Rechargeable Li-Ion

Lifetime

up to 400 days standby /

up to 16,000 events

Bridge

MODEL NUMBER:

72113 & 72114 (Europe & Great Britain),
72113A (North America)

General

Operating temperature range

-40°C to +60°C

-40°F to +140°F

IP rating

67 (waterproof)

Radio

Max LOS distance

500M / 1640.42 ft

World-wide mobile network connections

Battery

Type

Rechargeable Li-Ion x4

Lifetime

Up to 150 days standby



Siren

MODEL NUMBER:
72116

General

Operating temperature range
-40°C to +60°C
-40°F to +140°F

IP rating
67 (waterproof)

Radio

Max LOS distance
500M / 1640.42 ft

Indication devices

Siren output
108 dB

Beacon lens colour
Red

Battery

Type
Rechargeable Li-Ion

Lifetime
Over 400 days standby /
200h constant alarm



Keypad

MODEL NUMBER:

72117

General

Operating temperature range

-40°C to +60°C

-40°F to +140°F

IP rating

658

Radio

Max LOS distance

500M / 1640.42 ft

Indication devices

Buttons

Numerical 0,1 to 9 (10 buttons)

Closed padlock - Arm

Open Padlock - Disarm

LED

Red, Green, Orange

Used to inform state and condition of the system

Battery

Type

Rechargeable Li-Ion

Lifetime

**Over 400 days standby /
300 keypad operations**



Bridge I/O

MODEL NUMBER:

Model number: 72122 (Europe & Great Britain),
72122A (North America)

General

Operating temperature range

-40°C to +60°C

-40°F to +140°F

IP rating

66

Radio

Max LOS distance

500M / 1640.42 ft

Power sources

Supplied PSU

12VDC 2.1A (25W) power supply IP67 protection

Internal rechargeable **Li-Ion battery backup**

Relay outputs

Relay type

1 Form C (SPDT-NO, NC) x5

Input contacts

3 dry and wet input contacts



Connector

MODEL NUMBER:
72306

General

Wireless communication

802.15.4: Frequency 2400-2481 Mhz
3.5 dBm transmitter

Connection

USB C (USB C to USB C cable provided)

IP rating

66



Power solutions

Solar panel

Model number:

72112

Solar panel OCV

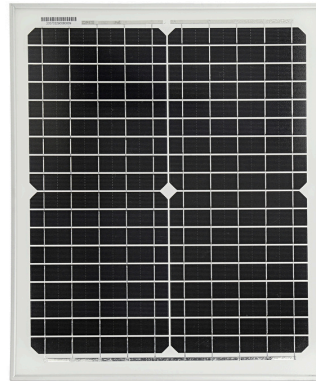
22.8V

Solar panel Vmp

18.6V

Solar panel Pmax

20W



Battery extension pack

Model number:

72420

Battery extension pack includes 4 Reconevez batteries. It can double the autonomous operation time for any Reconevez devices.



Mains power charger

Model number:

72413 (Europe), 72414 (Great Britain), 72415 (North America)



12-bay and 4-bay charger

Model number:

72408 and 72409

Charge time

8 hours



Mounting accessories



Mounting plate
Model number:
53317



Mounting screw
Model number:
53343



L-shape mount
Model number:
53300



Spider mount
Model number:
53341



Dual mount
Model number:
53342



Magnetic mounting bracket
Model number: 53330



Adjustable mounting bracket
Model number: 53333



Solar panel mounting tool
Model number: 53705

Security mounting accessories



Security nut fastening and tool
Model number: 53211
and 55029



Security locking bolt and tool
Model number: 53324 and
55039