



AOV Cruiser Lite 5MP

4G LTE / 2.4&5GHz Wi-Fi6

With 5W Solar Panel

The AOV Cruiser is a 100% wire-free, rechargeable outdoor security camera. It supports **dual-band 5GHz/2.4GHz Wi-Fi 6** or **4G LTE** connectivity, flexibly adapting to different network environments while minimizing interference for stronger, more stable, and reliable signal transmission. It features **3K** high-definition video, IP65 weather resistance, smart full-color night vision, and compatibility with Amazon Alexa. Intelligent person and vehicle detection accurately identifies potential threats. When an alarm is triggered, the camera can activate a white spotlight, red and blue warning lights, or a siren to deter suspicious individuals.

When paired with a **5W** solar panel, the camera uses solar energy for continuous charging and long-lasting operation, providing year-round home security. Its completely wire-free design requires no electrical wiring, making installation quick and easy. The camera and solar panel can be installed together as an integrated unit or separately to accommodate a variety of installation scenarios.



5MP QHD Video

See more details than 4MP



5000mAh Rechargeable Battery

No wiring needed—operates for extended periods on a single charge



Solar Panel

Lowers energy costs while being eco-conscious



100% Wire-Free & 4G

Dual-band Wi-Fi or 4G for flexible connectivity.



Smart Full-Color Night Vision

Automatically turn into color mode From infrared mode



AOV Mode

24/7 Always on video recording by AOV Mode



Privacy Mode

Hide the lens to protect your Personal privacy



Low Temperature Charging

Normal charging can also be guaranteed at **-10 °C**, which is worry-free in winter



Two-way Talk

Live two-way engagement with visitors



Siren & Spotlight Alarm

Alarm linkage spotlight and Siren and Red & Blue Light



Secure Storage (up to 512GB)

Enjoy secure local storage with a micro SD card of up to 512GB.



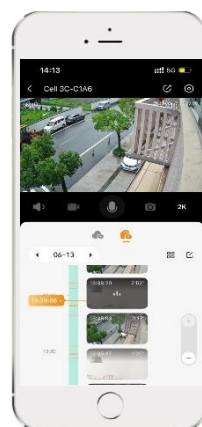
Flexible Installation

Integrated Mode and Separate Mode meet different installation demands.



Always on video for 24/7 Recording

AOV Mode records full alarm videos and generates footage/ from quick snapshots the rest of the time.



Stay close with what you care

With **SD Card**, you will have access to what you care as long as Internet is available.

You can record daily or motion videos on **Cloud** and play back anytime anywhere.



Front View



Side View



Top View

Specifications

Camera

Image Sensor	1/3" Progressive CMOS
Max Resolution	5MP(2880x1620)
Night Vision	20m (66ft) Distance
Focal Length	F1.6; 3.6mm Fixed Lens
Pan & Tilt Lens	76°(H),41°(V),91°(D) 350°Pan& - 90°Tilt
Rechargeable Battery	5000mAh

General

Power supply	DC 5V 2A
Working Temperature	-20°C~+50°C (-4°F~122°F)
Charging Temperature	-10°C~+45°C (14°F~113°F)
Dimension(L×W×H)	158.1× 126 × 159.2 mm
Weight	602g (1.33lb)
Certification	CE, MSDS

Video & Audio

Video Compression	H.265
Video Frame Rate	Up to 15fps Frame rate
Focal Length	8×Digital Zoom
Sound Channel	Two-way Audio

Network

Wi-Fi	IEEE802.11b/g/n/a/ac/ax, WiFi6,150m Open Field
IMOU App	iOS, Android

Auxiliary Interface

Micro SD Card	up to 512GB
Built in Mic & Speaker	YES
Reset Button	YES

Notice Management

Human Detection	YES
Vehicle Detection	YES
Low-Battery	YES

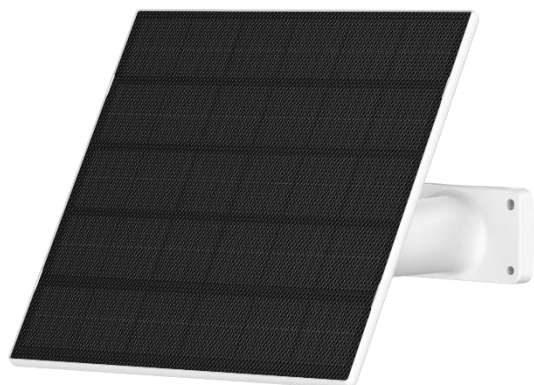
What's in the box

Camera

Camera × 1
 Quick Start Guide × 2
 Power Cable × 1
 Mounting Bracket × 1
 Screw Position Stickers × 2
 Screw and Wall Anchor Pack × 1

Solar Panel

Solar Panel × 1
 Mounting Bracket × 1
 Screw and Wall Anchor Pack × 1
 Quick Start Guide × 1



5W Solar Panel

FSP14-V2

Connect your Imou solar powered camera to this solar panel with 4m connection cable(included) to get non-stop power.

Compatible with AOV PT,AOV PT Lite, Cell PT 2C,AOV Cruiser ,Cell 3C, Cell 3C All in One, Cell Go Full Color ...



Solar-Powered Continuous Charging

5W high-efficiency solar panel means that with just a few hours of direct sunlight every day, your camera will stay charged around the clock.



WeatherProof

Built to withstand extreme weather conditions.



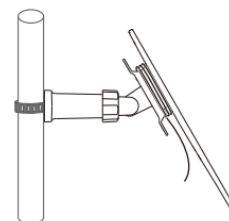
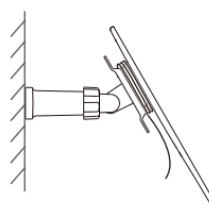
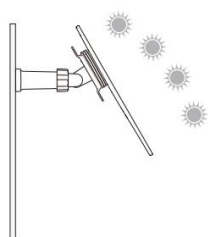
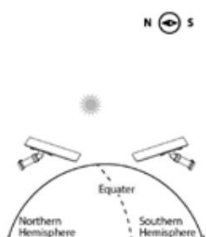
4m Connection Cable

The 13ft (4m) cable allows for flexibility when choosing the location of your solar panel and ensures it can get maximum sunlight exposure.



Type-C

Reinforced Type-C cable with special joint design for extra protection and durability, effectively prolong the service life.



Specifications

Max. Power: 5W $\pm$ 5%@40000lux

Solar panel working voltage: 5V (-5%/+5%)

Working current: 1A (-5%/+5%)

Operating temperature: -20°C to +60°C

Storage conditions: Temperature -20°C~45°C, Humidity

Conversion rates: $\geq$ 22%

Device Dimensions: 173.9x163.9x17.3mm(6.85x6.42x0.681inch)

Device Weight: 322g(0.71lb)

What's in the box



- 1x Solar Panel
- 1x Mounting Bracket
- 1x Screw and Wall Anchor pack
- 1x Quick Start Guide