



# AOV Air 4G 5MP

## 4G LTE

### With 3W Solar Panel

The AOV Air 4G utilizes leading **AOV (Always On Video)** technology, addressing common pain points of traditional battery-powered cameras, such as detection latency, incomplete recording, and excessively short detection distances. The camera connects via **4G LTE**, providing flexible and stable connectivity while minimizing interference for stronger and more reliable signal transmission. With **5MP** resolution and a built-in spotlight, it provides clear, sharp, and vibrant HD video, day or night. Equipped with **IMOU SENSE AI** technology, the camera supports intelligent people and vehicle detection, and immediately sends a notification to the app upon detecting an alarm event.. The **5000mAh** rechargeable lithium battery and **3W** solar panel design eliminates the need for wired power, ensuring long-term operation through efficient energy harvesting and extended battery life.



#### 5MP QHD Video

See more details than 5MP



#### 5000mAh Rechargeable Battery

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



#### Smart Full-Color Night Vision

Automatically switches to color mode from infrared mode.



#### 4G LTE Connection

Suitable for all outdoor scenarios with or without internet access



#### Human & Vehicle Detection

Human/vehicle detection powered by IMOU SENSE technology



#### PIR & AOV Mode

Event Recording by PIR 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



#### Secure Storage (up to 512GB)

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



#### Solar Panel

Low energy costs while being eco-conscious



## 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 **SD Card** and play back anytime anywhere.

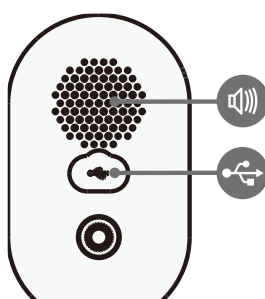


## Always on video for 24/7 Recording

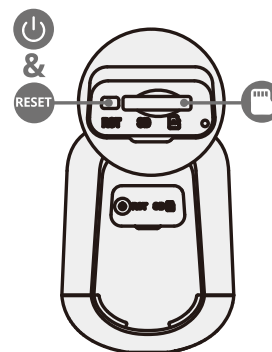
AOV Mode records full alarm videos and generates footage/ from quick snapshots the rest of the time.



Front View



Back View



Back View

## Specifications

### Camera

|                      |                          |
|----------------------|--------------------------|
| Image Sensor         | 1/ 2.9" Progressive CMOS |
| Max Resolution       | 5MP(2880×1620)           |
| Night Vision         | 15m (49ft) Distance      |
| Focal Length         | F1.6; 3.6mm Fixed Lens   |
| Pan & Tilt Lens      | 94°(H),52°(V),111°(D)    |
| 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)     | 106mm×91mm×155mm         |
| Weight               | 270g (0.6lb)             |
| 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

|          |                                                          |
|----------|----------------------------------------------------------|
| 4G       | LTE<br>FDD:B1/B3/B5/B7/B8/B20/B28<br>LTE TDD:B38/B40/B41 |
| 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 × 1
- Power Cable × 1
- Mounting Bracket × 1
- Mounting Plate × 1
- Screw Position Stickers × 1
- Screw and Wall Anchor Pack × 1



# 3W Solar Panel

FSP12-TYPEC

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

Compatible with AOV Air 4G,AOV PT,AOV PT Lite , Cell PT 3C, Cell 3C, Cell Go Full Color ...



## Solar-Powered Continuous Charging

**3W** 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.



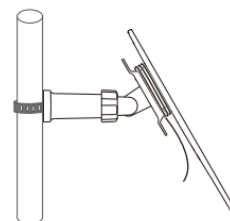
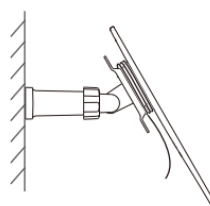
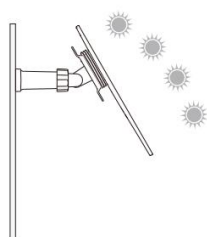
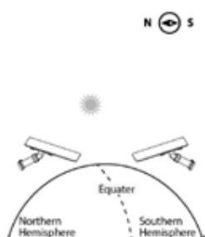
## 4m Connection Cable

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: 3W $\pm$ 5%@40000lux

Solar panel working voltage: 6V $\pm$ 5%

Working current: 0.5A $\pm$ 5%

Operating temperature: -20°C to +60°C

Storage conditions: Temperature-20°C~45°C,Humidity < 60%

Conversion rates:  $\geq$ 19.5%

Device Dimensions: 173x120x12.5mm(6.81x4.72x0.49 inch)

Device Weight: 261.5g(0.577lb)

## What's in the box



x1



x1



x1



x1



x1



x1



x1

- 1x Solar Panel
- 1x Mounting Bracket Arm
- 1x Knob for Locking Solar Panel
- 1x Knob for Locking Bracket
- 1x Mounting Bracket Tray
- 1x Screw and Wall Anchor pack
- 1x Quick Start Guide