



# AOV Dual 10MP

## 2.4 Wi-Fi&4G

### With 8W Solar Panel

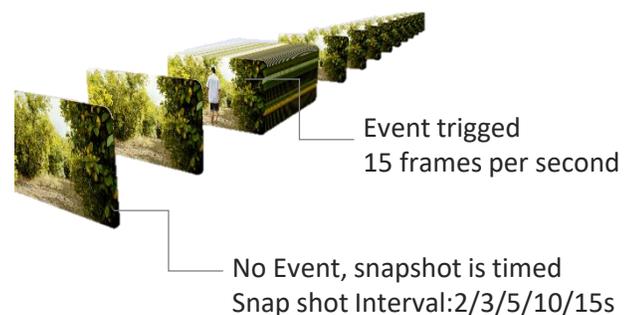
Always-on Video (AOV) Mode addresses the common pain points of traditional battery cameras—such as delayed detection and incomplete recordings—by ensuring continuous monitoring and seamless event capture. The camera is equipped with a 2.4GHz Wi-Fi + 4G module, providing diverse connectivity options for stronger and more reliable signal transmission. It features a dual lens with a resolution of 5MP (2880 × 1620) + 5MP (2880 × 1620) and is built-in with a spotlight, ensuring clear high-definition images with vivid colors both day and night. Powered by IMOU SENSE AI, the camera has intelligent human/vehicle detection and active tracking capabilities, eliminating blind spots and achieving comprehensive security coverage. The hybrid battery + solar panel design eliminates the need for wired power, ensuring extended operating time through efficient energy collection and long-lasting battery performance.

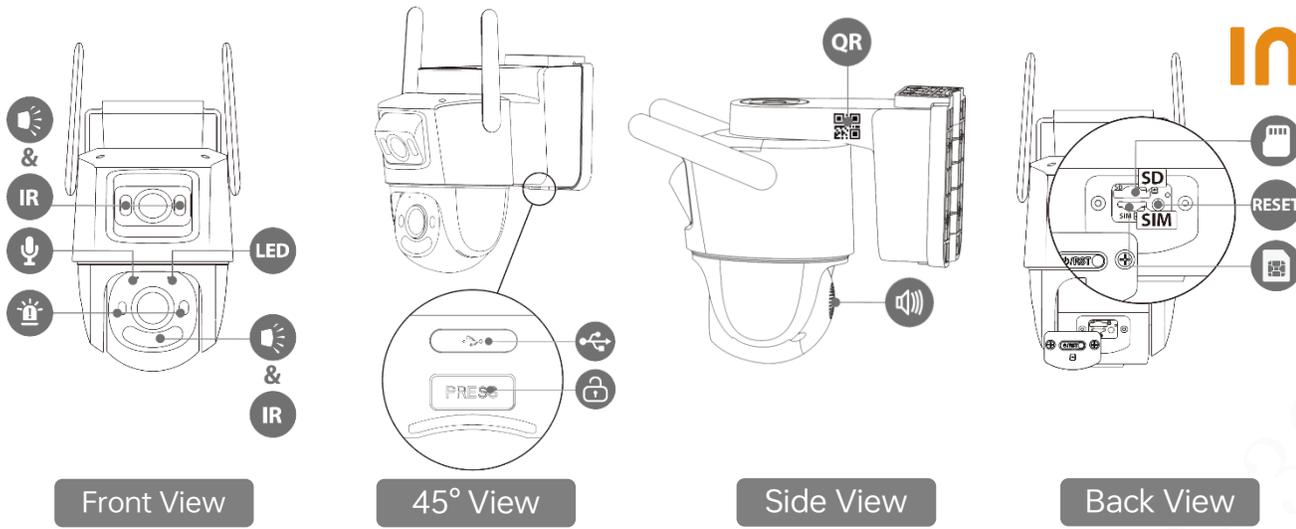
- 5MP+5MP QHD Video**  
 See more details than 2K  
 Wider view, clearer details
- 10000mAh Rechargeable Battery**  
 No wiring needed—operates for extended periods on a single charge
- Solar Panel**  
 Lowers energy costs while being eco-conscious
- Dual Connectivity Options**  
 Choose between 2.4GHz Wi-Fi or 4G mobile data, depending on your needs
- Smart Full-Color Night Vision**  
 Automatically turn into color mode From infrared mode
- Always-on Video Mode**  
 24/7 Event recordings & snapshot recording coverage
- Human & Vehicle Detection**  
 Human/vehicle detection powered by IMOU SENSE technology
- Low Temperature Charging**  
 Normal charging can also be guaranteed at -15 °C, which is worry-free in winter
- Two-way Talk**  
 Live two-way engagement with visitors
- Siren & Spotlight Alarm**  
 Alarm linkage red and blue light, spotlight and siren
- Secure Storage (up to 512GB)**  
 Enjoy secure local storage with a micro SD card of up to 512GB
- Weather Proof**  
 Offer waterproof and weatherproof performance for outdoor use



## 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.





## Specifications

### Camera

Image Sensor	1/3" Progressive CMOS
Max Resolution	5MP(2880×1620) + 5MP(2880×1620)
Night Vision	25m (82ft) Distance
Focal Length	3.6mm Fixed Lens+ 3.6mm PT Lens
Field of View	76°(H), 41°(V), 91°(D)
Fixed Len	260° horizontal, 90° vertical
PT Len	340°Pan& - 90°Tilt
Rechargeable Battery	10000mAh

### General

Power supply	DC 5V 2A
Working Temperature	-20°C~+50°C (-4°F~122°F)
Charging Temperature	-15°C~+45°C (14°F~113°F)
Dimension(L×W×H)	195mm×115mm×193mm
Weight	1080g (2.38lb)
Certification	CE, MSDS

## What's in the box

### Camera

- Camera × 1
- Quick Start Guide × 1
- Power Cable (1m) × 1
- Mounting Bracket × 1
- Screw Position Stickers × 1
- Screw and Wall Anchor Pack × 1

### Solar Panel

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

### Video & Audio

Video Compression	H.265, H264
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/ax, WiFi6, 120m Open Field
4G	LTE FDD: 1/3/5/7/8/20/28, LTE TDD: 38/40/41
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