



AOV Dual 10MP

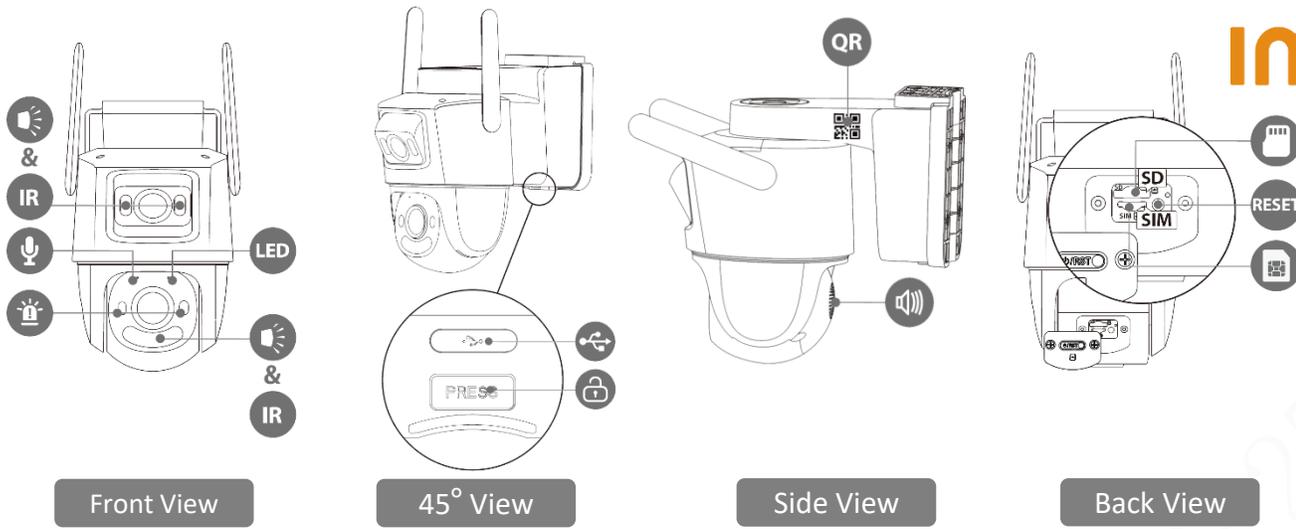
2.4G Wi-Fi&4G

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 dual lenses 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
- Always-on Video Mode**
 24/7 Event recordings & snapshot recording coverage
- 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
- Two-way Talk**
 Live two-way engagement with visitors
- 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
- 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



AOV Dual takes it to the next level with the latest Always-on Video (AOV) technology. With AOV, the camera intelligently allocates its resources by compiling time-lapse videos from images captured at your scheduled intervals. Additionally, it also records full videos when an alarm is triggered, precisely controlling the power consumption for each operation. This enhances home safety while reducing battery consumption.



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 Lens	260° horizontal, 90° vertical
PT Lens	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	SIM Card × 1
Quick Start Guide × 1	128GB SD Card × 1
Power Cable (1m) × 1	
Mounting Bracket × 1	
Screw Position Stickers × 1	
Screw and Wall Anchor Pack × 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