

AOV Air 5MP

2.4 & 5GHz Wi-Fi

The AOV Air 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 **dual-band 5GHz/2.4GHz Wi-Fi 6**, 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 camera is equipped with a built-in 5,000 mAh rechargeable battery and can operate independently. In AOV mode, it can run for up to 10 days without an external power supply; in event recording mode, it can last up to about 3 months without additional power.

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.

Dual-Band Wi-Fi 6
Flexibly set up with 5GHz or 2.4GHz Wi-Fi for stronger & more stable signals

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 ℃**, 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.

Flexible Installation
Easy to pick up and place, with simple installation.



Stay close with what you care

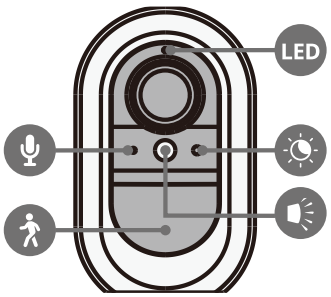
With SD Card , you will have access to what you care as long as Internet is available .

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

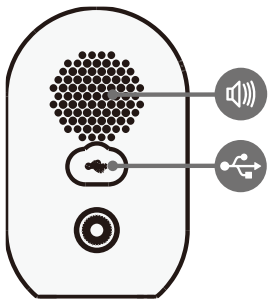


Always on video for 24/7 Recording

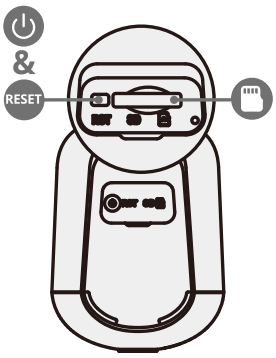
AOV Mode records full alarm videos and generates footage/ from quick snapshots the rest of the time.



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

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

General

Power supply	DC 5V 2A
Working Temperature	-20℃~+50℃ （-4℉~122℉）
Charging Temperature	-10℃~+45℃ （14℉~113℉）
Dimension(L×W×H)	106mm×91mm×155mm
Weight	270g （0.6lb）
Certification	CE， MSDS

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