

AOV PT Plus 6MP

2.4 & 5GHz Wi-Fi
With 8W Solar Panel

The AOV PT Plus 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. Notably, its **Super Starlight Vision** delivers full-color images even in extremely low light conditions. With **6MP** 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 features intelligent **human and vehicle detection** and auto-tracking, eliminating blind spots and achieving comprehensive safety coverage. The **10000mAh** rechargeable lithium battery and **5W** solar panel design eliminates the need for wired power, ensuring long-term operation through efficient energy harvesting and extended battery life.

6MP QHD Video
See more details than 6MP

10000mAh Rechargeable Battery
No wiring needed—operates for extended periods on a single charge

Super Starlight Vision
Even in low light can still get a clear image in color.

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

Solar Panel
Lowers energy costs while being eco-conscious

Always-on Video Mode
24/7 Event recordings & snapshot recording coverage

Privacy Mode
Hide the lens to protect your Personal privacy

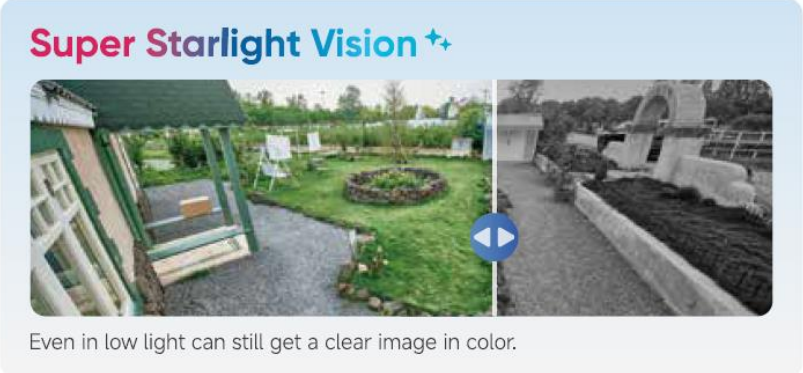
Low Temperature Charging
Normal charging can also be guaranteed at **-15 ℃**, which is worry-free in winter

Two-way Talk
Live two-way engagement with visitors

Siren & Spotlight Alarm
Alarm linkage red and blue light, spotlight and siren

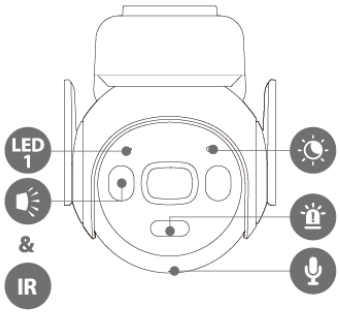
Secure Storage (up to 512GB)
Enjoy secure local storage with a micro SD card of up to 512GB.

Human &Vehicle Detection
Human/vehicle detection powered by IMOU SENSE technology

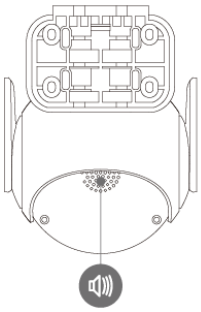


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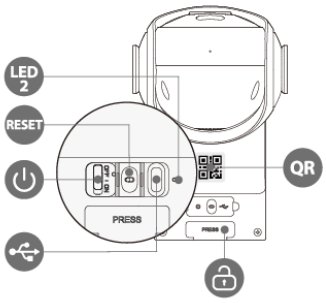




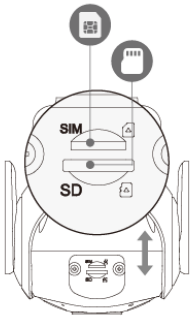
Front View



Back View



Buttom View



Back View

Specifications

Camera

Image Sensor	1/ 2.5”Progressive CMOS
Max Resolution	6MP(3200x1800)
Night Vision	25m （82ft） Distance
Focal Length	3.6mm Fixed Lens ,F1.2
Pan & Tilt Lens	89°(H),49°(V),104°(D) 340°Pan& - 90°Tilt
Rechargeable Battery	10000mAh

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 150m Open Field
IMOU App	iOS, Android

General

Power supply	DC 5V 2A
Working Temperature	-20℃~+50℃ （-4℉~122℉）
Charging Temperature	-15℃~+45℃ （5℉~113℉）
Dimension(L×W×H) Weight	176.2mm × 110.0 mm × 141.6 mm 650g （1.43lb）
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
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



8W Solar Panel

FSP008

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

Compatible with AOV PT Pro, AOV PT Pro, Cell PT, Cell PT 4G, Cell 3C, Cell 3C All in One, Cell Go Full Color ...

Solar-Powered Continuous Charging

8W 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

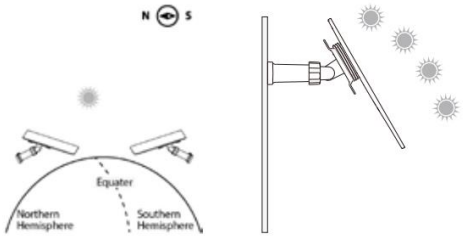
Built to withstand extreme weather conditions.

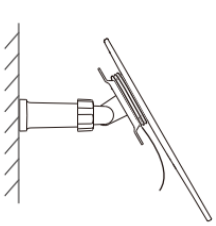
4m Connection Cable

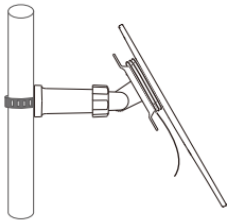
The 13ft (4m) cable allows for flexibility when choosing the location of your solar panel and ensures it can get maximum sunlight exposure.

Type-C

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







Specifications

Max. Power： 8W±5%@40000lux

Solar panel working voltage: 5.4V (-5%/+5%)

Working current: 1.5A (-5%/+5%)

Operating temperature: -20℃ to +60℃

Storage conditions: Temperature -20℃~45℃, Humidity

Conversion rates: ≥22%

Device Dimensions: 263.8x171.7x18.5mm(10.39x6.76x0.728inch)

Device Weight:： 550g （1.21lb）

CE

What’s in the box



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