

AOV PT 4K Kit

4G & Wi-Fi
With 8W Solar Panel

IPC-SA7E-T-8M0T3/FSP008

The 4K 360° Pan & Tilt Long-lasting Battery Camera with AOV (Always-on Video) technology elevates your security experience to new heights. With 4K resolution, human detection + zoom tracking ensures enhanced protection. Combined with Imou Sense AI detection, it accurately identifies people, vehicles, and pets. Featuring 4G + dual-band WiFi6 connectivity, it adapts to all your network requirements.

AOV PT 4K enables you to view anywhere and anytime you want. It is designed for enjoying 24/7 off-the-grid freedom with the upgraded 8W solar panel and a powerful **15,000 mAh** battery. With just 2 hours of ample sunlight daily when using the included solar panel, it can meet the power consumption of up to 100 event triggers per day, eliminating any concerns about battery life.

4K 8MP QHD Video
See more details than 3K

15000mAh Rechargeable Battery
No wiring needed—operates for extended periods on a single charge

Human & Vehicle Detection
Human detection powered by IMOU SENSE technology

4G + Wi-Fi Connection
Two networking modes at your choice, suitable for all outdoor scenarios with or without internet access

Smart Full-Color Night Vision
Automatically turn into color mode From infrared mode

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

Privacy Mode
Hide the lens to protect your Personal privacy

Two-way Talk
Live two-way engagement with visitors

Solar Panel
Lowers energy costs while being eco-conscious

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.

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

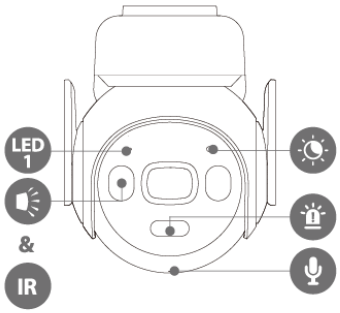
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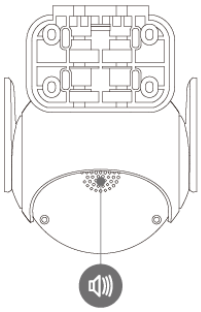
Stay close with what you care

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 if you need.

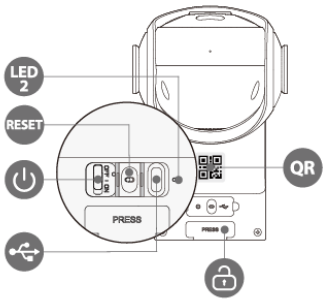




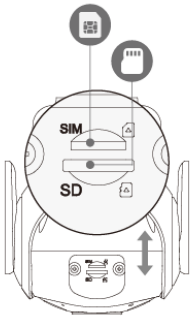
Front View



Back View



Buttom View



Back View

Specifications

Camera

Image Sensor	1/3”Progressive CMOS
Max Resolution	8MP（3840x2160）
Night Vision	20m（66ft） Distance
Focal Length	3.6mm Fixed Lens, F1.6
Pan & Tilt Lens	89°(H),45°(V),105°(D) 340°Pan& - 90°Tilt
Rechargeable Battery	15000mAh

General

Power supply	DC 5V 2A
Working Temperature	-20℃~+50℃（-4℉~122℉）
Charging Temperature	-10℃~+45℃（14℉~113℉）
Dimension(L×W×H)	177mm×110mm×142mm
Weight	1160g（2.56lb）
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

Wi-Fi	IEEE802.11b/g/n/a/ac/ax 120m Open Field
4G	LTE FDD:B1/B3/B5/B7/B8/B20/B28 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（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



8W Solar Panel

FSP008

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

Compatible with AOV PT,AOV PT Lite ,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

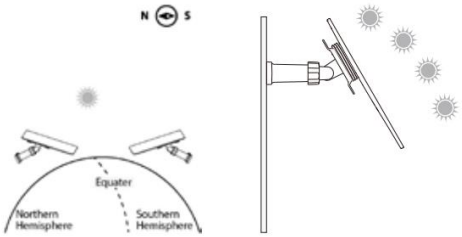
Built to withstand extreme weather conditions.

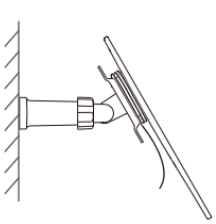
Long Connection Cable

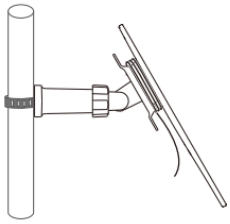
The long cable allows for flexibility when choosing the location of your solar panel and ensures it can get maximum sunlight exposure.

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%

Working current: 1A (-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： 480.5g(1.06lb)

What’s in the box



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