

AOV PT 5MP

4G & Wi-Fi

IPC-B7ED-5M0TEA-AM

AOV PT enables you to view anywhere and anytime you want. It is designed for enjoying 24/7 off-the-grid freedom with the upgraded 5W solar panel and a powerful 10,000 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. Additionally, it offers a new experience with ultimate security and seamless connectivity, supported by cellular and Wi-Fi for maximum versatility.

Compared to traditional battery-powered cameras, AOV PT can record more complete and continuous smart footage with more precise detection. Compared to cameras that require continuous power supply, AOV PT is easy to install without the need for wiring, making it suitable for any scenario without electricity or internet access. AOV PT strives to provide you with a superior product experience, while thoughtfully protecting your home security.

5MP QHD Video
See more details than 2K

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

Human 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

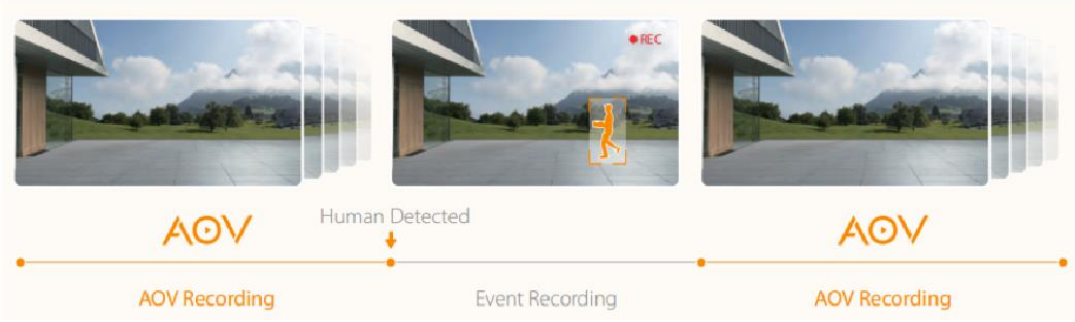
Two-way Talk
Live two-way engagement with visitors

IP66
Weatherproof for outdoor conditions

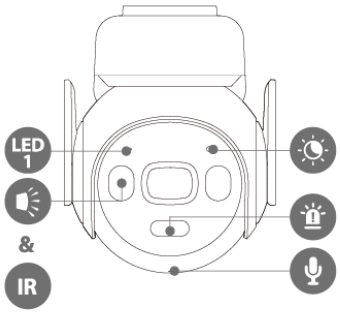
Siren & Spotlight Alarm
Alarm linkage red and blue light, spotlight and siren

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

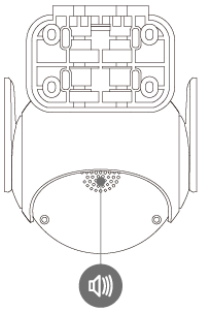
Low Temperature Charging
Normal charging can also be guaranteed at -10 ℃, which is worry-free in winter



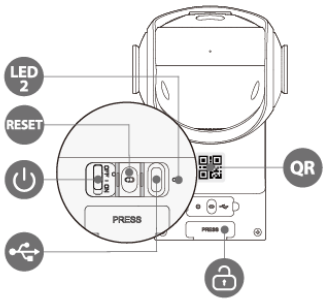
AOV PT takes it to the next level with the latest Always-on Video (AOV) technology. With AOV, the camera intelligently allocates its resources by compiling time-lapse videos from images captured at your scheduled intervals. Additionally, it also records full videos when an alarm is triggered, precisely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



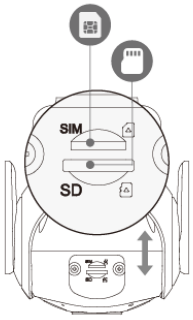
Front View



Back View



Buttom View



Back View

Specifications

Camera

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

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	610g （1.34lb）
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 120m Open Field
4G	LTE FDD:B2/B3/B4/B5/B7/B8/B28/B66 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