

AURORA FULL-COLOR

AOV PT Pro 5MP

4G & Wi-Fi

IPC-UA7E-5M0T2-EU

The AOV PT Pro features an F1.0 mega aperture and leverages advanced AI-ISP technology to algorithmically enhance low-light environments. It dynamically adjusts image output, automatically removes blur and noise, balances colors for true-to-life detail, and delivers a 25-meter night vision range—**Turning darkness into daylight**.

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.

5MP QHD Video
See more details than 2K

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

Human &Vehicle Detection
Human/vehicle 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

Aurora Full-Color Night Vision
the F1.0 mega aperture and advanced algorithms transform ultra-low-light scenes into vividly bright

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





F1.0 Lens - Aurora Full-Color

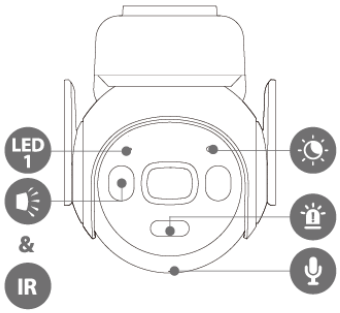
When Full Color Night Vision enabled:

In very low light, do not need to turn on the spotlight, it also can be as bright as day. Automatically activates spotlight in extreme darkness, delivering evenly illuminated, daylight-bright images.

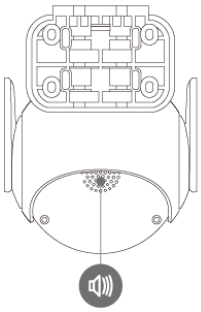


Event trigged
15 frames per second

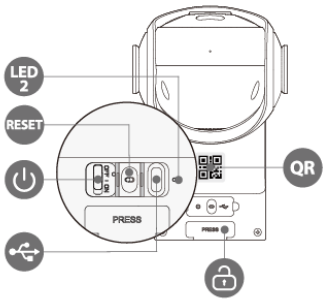
No Event, snapshot is timed
Snap shot Interval:2/3/5/10/15s



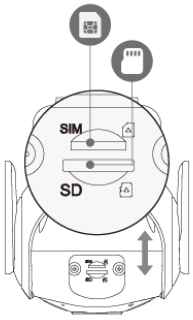
Front View



Back View



Buttom View



Back View

Specifications

Camera

Image Sensor	1/1.8”Progressive CMOS
Max Resolution	5MP(2880×1620)
Night Vision	25m （82ft） Distance
Focal Length	3.6mm Fixed Lens
Pan & Tilt Lens	89°(H),47°(V),107°(D) 340°Pan& - 90°Tilt
Rechargeable Battery	10000mAh

General

Power supply	DC 5V 2A
Working Temperature	-20℃~+50℃ （-4℉~122℉）
Charging Temperature	-15℃~+45℃ （5℉~113℉）
Dimension(L×W×H)	177mm×110mm×142mm
Weight	610g （1.34lb）
Certification	CE， MSDS

Video & Audio

Video Compression	H.265/H.264
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 150m 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