

VD1 5MP

2.4G&5G Wi-Fi

Smart View Camera with Always-on Video (AOV) Mode transforms traditional door viewers by eliminating delayed alerts and missed events through continuous monitoring and seamless recording. The 4.3-inch color display and 5MP (2880 × 1620) resolution deliver detailed daytime visuals, while dual-band Wi-Fi (2.4G & 5G) ensures stable connectivity for real-time remote access via the APP. The built-in Privacy Mask allows you to block specific areas (e.g., neighbor's doorway) from being recorded or detected, preventing unnecessary disputes. Enhanced by IMOU AI, human detection in AOV mode intelligently filters non-human movements, and the 4800mAh battery provides weeks of standby time—offering reliable, privacy-conscious protection for your entryway.

5MP QHD Video
See more details than 2K
Wider view, clearer details

4.3 Inch Color Screen
Outside view instantly on screen

4800mAh Rechargeable Battery
No wiring needed—operates for extended periods on a single charge

Dual-Band WiFi
Choose between 2.4GHz/ 5GHz Wi-Fi, depending on your needs

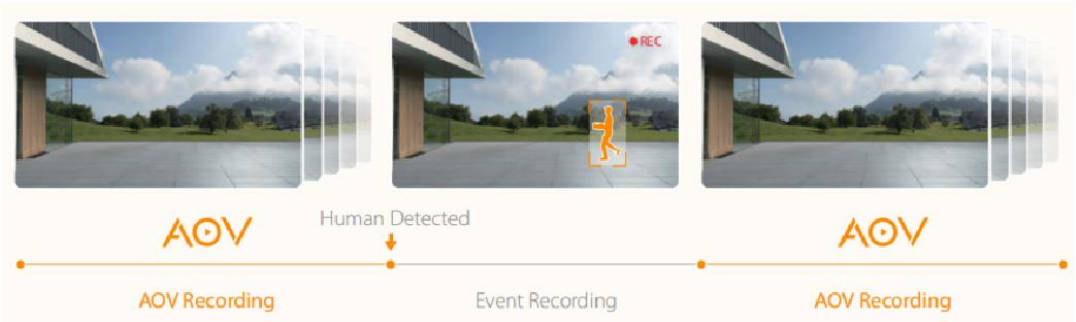
Human Detection(In AOV Mode)
Human detection powered by IMOU SENSE technology

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

Custom Privacy Masking Area
Neighbor privacy with video blocking

Fits 14-26 Bore Size
Fits doors 35-102mm thickness, 14-26mm bore size

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



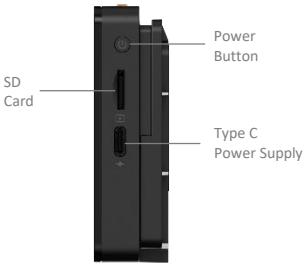
VD1 takes it to the next level with the latest Always-on Video (AOV) technology. With AOV, the camera intelligently allocates its resources by compiling time-lapse videos from images captured at your scheduled intervals. Additionally, it also records full videos when an alarm is triggered, precisely controlling the power consumption for each operation. This enhances home safety while reducing battery consumption.



Front View



45° View



Side View



Back View

Specifications

Camera

Image Sensor	1/3”Progressive CMOS
Max Resolution	5MP(2880×1620)
Focal Length	2.3mm
Field of View	125°(H), 71°(V), 149°(D)
Rechargeable Battery	4800mAh

Screen

Screen Size	4.3 Inch Non-touch Color
Screen Resolution	480×272
Power Button	Yes
Record & Capture Button	Yes

Auxiliary Interface

Micro SD Card	Up to 512GB
Built in Mic & Speaker	No
Reset Button	YES

Notice Management

Human Detection	Supported in AOV Mode
Low-Battery	Supported in AOV Mode

Video & Audio

Video Compression	H.265, H264
Video Frame Rate	Up to 15fps Frame Rate
Focal Length	8×Digital Zoom

Network

Wi-Fi	IEEE802.11b/g/n/ax, WiFi6,120m Open Field
IMOU App	iOS, Android

General

Power supply	DC 5V 2A
Working Temperature	-20℃~+50℃（-4℉~122℉）
Charging Temperature	0℃~+45℃（32℉~113℉）
Dimension(L×W×H)	Screen:115mm×81mm×18mm Lens:ϕ33mm×44mm
Weight	276g（0.61lb）
Certification	CE，MSDS

What’s in the box

Peephole×1
Installation Rack ×1
Color Ring ×2
Pack of Screws ×1
3M Sticker ×1
Power Cable（1m）×1
Quick Start Guide×1