

IMOU AOV PT KIT Outdoor Pan-Tilt IP Camera



Model: IPC-B7ED-5M1TEA-EU/F

Manufacturer: IMOU

EAN: 6971927235704

Product Code: 810513

R3,768

IMOU AOV PT KIT Outdoor Pan-Tilt IP Camera

The IMOU AOV PT KIT 5MP is a pan-tilt outdoor camera that combines 5 MP resolution (2880 × 1620), a full range of motion of 340° horizontally and 90° vertically, and independent power supply thanks to a 10,000 mAh battery and a 5 W solar panel. Support for 2.4 GHz Wi-Fi and 4G LTE ensures connectivity even in areas without access to a wired internet connection, and the pre-installed 32 GB card allows you to start recording immediately after startup. Thanks to AOV technology, the device enables 24/7 monitoring with optimized power consumption. The IP66-rated design provides effective protection against rain, dust, and changing weather conditions. This allows the camera to operate reliably year-round.

Uninterrupted Monitoring

The product information provided is for reference purposes only. Technical specifications, photos, descriptions and prices may change without prior notice. The manufacturer and seller are not responsible for possible data discrepancies or typographical errors. We recommend checking the current information before purchasing.

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The use of Always-on Video (AOV) allows for continuous monitoring of the surroundings while reducing energy consumption. The camera creates time-lapse recordings from regularly taken photos, and automatically switches to full video recording when an event is detected. This solution allows you to maintain a complete picture of the situation while extending battery life.

Energy Independence and Off-Grid Operation

The built-in 10,000 mAh battery, combined with a 5 W solar panel, enables operation without the need to connect to the electrical grid. As little as about 2 hours of daily sunlight can cover the camera's power needs during standard use, eliminating the need for frequent charging. Additionally, the notification system alerts you when the battery level drops to 20% and 10%, allowing you to take action in a timely manner.

Stable connectivity in all conditions

The camera offers two operating modes—2.4 GHz Wi-Fi and 4G LTE—making it suitable for use both at home and in locations without constant internet access. Support for European LTE bands (B1/3/5/7/8/20/28/38/40/41) ensures broad compatibility with carriers. This solution is particularly useful on plots of land, construction sites, or in facilities located far from network infrastructure.

Smart Detection and Active Response

Imou Sense algorithms enable human detection with over 98% accuracy, reducing false alarms. The Auto Tracking feature automatically tracks a detected person, keeping them in the frame. In case of a threat, the camera activates a siren and spotlights, increasing the effectiveness of deterring intruders.

Clear image

The camera is equipped with a 1/3" CMOS sensor and a 3.6 mm lens, offering a viewing angle of 76° (H), 41° (V), and 91° (D). Night vision range of up to 20 m allows you to monitor the area even after dark, and the 8x digital zoom makes it easy to zoom in on details. The rotating design eliminates blind spots and enables full coverage of the monitored area.

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Two-way real-time communication

The built-in microphone and speaker enable two-way communication, allowing you to respond immediately to situations in front of the camera. This practical solution lets you not only monitor but also communicate with household members or deter unwanted visitors.

Convenient data storage

The camera supports microSD cards up to 512 GB, and the included 32 GB card lets you get started right away. Recordings are stored locally—this solution gives you full control over your data and eliminates the need for additional fees.

Included:

- Camera
- Solar panel
- Power cable (1 m)
- Installation template
- Mounting bracket
- Pack of screws and wall plugs
- Universal joint
- Mounting base
- Round socket nut
- Screw lock nut
- Screws x4
- Additional wall plugs x3
- User manual

General

Manufacturer	IMOU
Model	IPC-B7ED-5M1TEA-EU/F

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Material	Plastic
Power supply	DC 5V 2A / solar panel
Power consumption	3.5 W
IP rating	IP66
Operating temperature	-20°C to +50°C
Charging temperature	-10°C to +45°C
Camera dimensions	177 × 110 × 142 mm
Weight	610 g
Certifications	CE

Camera

Image sensor	1/3" Progressive CMOS
Resolution	5 MP (2880 × 1620)
Night vision range	20 m
Lens	3.6 mm
Field of view	76° (H), 41° (V), 91° (D)
Pan/tilt range	340° / 90°
Battery	10,000 mAh

Video and audio

Video compression	H.265 / H.264
Frame rate	Up to 15 fps
Digital zoom	8×
Audio	Two-way

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Notification management

Human detection Yes

Configurable zones Yes

Performance mode Yes

Storage

Local storage MicroSD up to 512 GB

Card included 32 GB

Cloud Not supported

Network Wi-Fi

IEEE802.11 b/g/n, 2.4 GHz 4G LTE

B1/3/5/7/8/20/28/38/40/41 App

Imou (iOS, Android)

Additional interfaces

Microphone and speaker Built-in

Power button Yes

Reset button Yes

Memory card slot Yes

Connectivity: Wi-Fi, GPSR Link: <https://psr->

assets.innpro.pl/smarthome/sg_smarthome_ip_cameras.pdf, Gross weight: 1340, Net weight: 610,

Box length: 22,00, Box width: 18,00, Box height: 16,50

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