

IMOU AOV Dual 10MP 4G LTE Outdoor IP Camera



Model: IPC-SA70F-10M0T2-EU

Manufacturer: IMOU

EAN: 6937479641752

Product Code: 958047

R5,272

IMOU AOV Dual 10MP 4G LTE Outdoor IP Camera

The IMOU AOV Dual 10MP outdoor camera combines two 5 MP + 5 MP lenses (10 MP total), 24/7 AOV recording mode, and 2.4 GHz Wi-Fi and 4G LTE connectivity. Thanks to its dual-lens design, it performs continuous monitoring and active tracking simultaneously, eliminating the need to install two separate devices. QHD resolution (2880 × 1620 + 2880 × 1620), a night vision range of up to 25 m, and a 10,000 mAh battery ensure detailed images and long, uninterrupted operation. Additionally, an 8 W solar panel allows it to operate for up to a year without needing to be recharged.

Dual lens, full control over the area, and 24/7 AOV recording

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The camera uses two independent lenses—a fixed lens and a PT (Pan-Tilt) lens—which provide comprehensive surveillance of the surroundings. Both lenses offer a field of view of 76° (horizontal), 41° (vertical), and 91° diagonally, ensuring that the recorded image remains consistent and detailed. The fixed lens is responsible for continuous monitoring of a selected area, while the Pan-Tilt module allows for 340° rotation and up to 90° tilt, enabling coverage of a much larger area without blind spots. Additionally, the 8x digital zoom makes it easier to see details, and the Auto Tracking feature automatically tracks movement, increasing monitoring effectiveness. Always-on Video technology ensures continuous recording around the clock. When a person is detected, the camera immediately records a full video of the event; when there is no activity, it takes photos every 3 seconds, creating time-lapse footage. The combination of both modes guarantees a complete event history. With 100 alarms per day and operation in AOV mode, power consumption is approximately 12.5% per day, which translates to efficient and predictable performance.

Stable connectivity in all conditions and additional features

With support for 2.4 GHz Wi-Fi and 4G LTE, the camera ensures a reliable connection even in areas without access to traditional networks, such as fields, orchards, or plots of land. The system automatically switches between networks in the event of signal loss, minimizing the risk of transmission interruptions. Estimated data usage is approximately 2.6 GB per month with standard use, allowing you to easily control operating costs. The built-in spotlight provides full-color video even after dark, automatically switching from infrared to color mode. The two-way audio feature allows you to speak with people within the camera's range, giving you greater control over your surroundings and enabling you to respond immediately.

Precise Detection and Effective Protection

Advanced IMOU SENSE algorithms detect people and vehicles, reducing the number of false alarms. A detection range of up to 25 meters enables an early response to threats. The camera is equipped with a 110 dB siren, three configurable alarm signals, and light alerts, including a spotlight and red-and-blue flashing lights. As a result, the device not only records events but also actively deters intruders.

Efficient Power Supply and Operation in Harsh Conditions

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A 10,000 mAh battery allows for up to 15 days of operation without recharging. An 8 W solar panel can keep the device running for 365 days using solar energy. Just 2 hours of sunlight per day allow it to recover over 20% of its energy. The camera is designed for outdoor use—it is weatherproof and operates in temperatures ranging from -20°C to 50°C. Charging support at temperatures ranging from -15°C to 45°C ensures trouble-free use all year round. Its robust construction, compact dimensions (195 × 115 × 193 mm), and lightweight design (1080 g) make it easy to install anywhere.

Secure storage of recordings

The device supports microSD cards with a capacity of up to 512 GB, allowing for long-term storage of recordings. When using AOV mode, a 32 GB card can hold over 25 days of footage. The camera also offers event recording and access to recordings from anywhere via the IMOU mobile app (iOS, Android).

Included in the package:

- Camera
- Power cable (1 m)
- Camera mounting bracket
- Screw positioning stickers
- Pack of screws and dowels x2
- Solar panel
- Panel mounting bracket
- Quick start guide

General

Manufacturer	IMOU
Model	IPC-SA70F-10M0T2-EU
Power Supply	DC 5 V 2 A

Operating Temperature -20°C to 50°C

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Charging Temperature -15°C to 45°C

Dimensions (L × W × H) 195 × 115 × 193 mm

Weight 1080 g (2.38 lb)

Certifications CE, MSDS

Battery 10000 mAh

Camera

Sensor 1/3" Progressive CMOS

Maximum resolution 5 MP (2880 × 1620) + 5 MP (2880 × 1620)

Night vision range 25 m

Focal length 3.6 mm fixed lens + 3.6 mm PT lens

Field of view 76° (horizontal), 41° (vertical), 91° (diagonal)

Fixed lens 260° horizontal, 90° vertical

PT lens 340° pan, 90° tilt

Video and audio

Video compression H.265, H.264

Frame rate Up to 15 fps

Zoom 8× digital zoom

Audio Two-way

Network

Wi-Fi IEEE 802.11 b/g/n/ax
Wi-Fi 6, up to 120 m (open space)

4G

LTE FDD: 1/3/5/7/8/20/28

LTE TDD: 38/40/41

IMOU App iOS, Android

Storage

microSD card Up to 512 GB

Built-in microphone and speaker Yes

Reset button Yes

Notification management

People detection Yes

Vehicle detection Yes

Low battery notification Yes

Kind: Outdoor, Zasilanie: Bezprzewodowe, Connectivity: Wi-Fi, App: Other, Recording quality: 3K, Rotating: Yes, Recording storage : Memory card + cloud, GPSR Link: https://psr-assets.innpro.pl/smarthome/sg_smarthome_ip_cameras.pdf, Information about data generation: <https://dataact.innpro.pl/IMOU/6937479641752>, Gross weight: 2060, Net weight: 1080, Box length: 30,00, Box width: 22,00, Box height: 22,00

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