Outdoor camera with solar panel MOES 4GCM-S52-EU-S-MS, 7800mAh, 4G

Model: 4GCM-S52-EU-S-MS

Manufacturer: MOES

EAN: 6978507851361

Product Code: 1743292

R2,236

MOES 4GCM-S52-EU-S-MS Outdoor Camera with Solar Panel, 7800mAh, 4G

Keep your property secure with the MOES 4GCM-S52-EU-S-MS outdoor camera, which allows you to remotely monitor your surroundings without needing Wi-Fi or a constant power connection. The device uses 4G connectivity with a built-in virtual SIM card (VSIM), and the 7800 mAh battery and included 5 W solar panel provide convenient power. A 3 MP sensor, Full HD 1920 × 1080 image resolution, and a rotating camera head with a 355° horizontal and 90° vertical range of motion allow you to monitor a wide area and capture important details. The camera also offers color night vision, intelligent people detection, two-way voice communication, and an alarm system. With an IP65 rating, it’s perfect for outdoor use.

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4G Connectivity Without a Physical SIM Card

Forget about the limitations of Wi-Fi availability! The MOES camera uses a 4G module with VSIM (Virtual SIM) technology, so it doesn’t require a traditional, physical SIM card. The device can automatically switch between available carrier networks, depending on coverage and network support. This is a practical solution for monitoring areas without a home Wi-Fi network, such as plots of land or properties located far from residential buildings. The CLM920-HE9 EU Cat1 module supports the B1, B3, B7, B8, B20, and B28 bands. To use 4G data transmission, you must purchase an appropriate data plan, which can be paid for directly in the 11Cam app or via a QR code in the MOES App.

Solar Power for Greater Independence

You don’t need to run power cables to the camera’s installation site. The MOES S52 model is equipped with a 7,800 mAh lithium battery that works with a 5 W solar panel. This allows the device to use solar energy to recharge the battery, reducing the need for manual charging. Low power consumption—19.45 mW in standby mode and 935 mW during operation—promotes energy efficiency. The included panel comes with a cable, and the included mount makes installation easy.

Monitor your surroundings in high resolution

Check what’s happening around your home no matter where you are. The MOES camera has a 3 MP sensor and a lens with a 4 mm focal length and an F2.0 aperture, allowing you to capture images of the monitored area. During live view, you can choose between HD 1920 × 1080 or SD 640 × 360, adjusting the resolution to suit your needs. The image attached to notifications is transmitted at a resolution of 640 × 360. The device also supports the H.265 compression standard, which helps reduce the amount of data required to transmit video footage.

Wide Field of View Thanks to the Rotating Head

The MOES S52 features a rotating PTZ design that allows you to adjust the viewing direction both horizontally and vertically. The rotation range is 355° horizontally and 90° vertically, allowing you to conveniently monitor specific areas of the surroundings and minimize blind spots. This feature is particularly useful when monitoring a driveway, building entrance, or garden.

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Effective monitoring even after dark

Don’t lose control of your surroundings after dark. The camera offers two night vision modes that let you tailor your monitoring to your current needs. Full-Color mode uses built-in illumination to provide a color image even at night. Infrared mode, on the other hand, uses infrared light, allowing you to monitor the surroundings without color illumination of the scene. This lets you choose the appropriate viewing mode and check the situation on your property even in low-light conditions.

Smart Threat Detection

Gain greater control over what’s happening in the monitored area. The MOES camera is equipped with an AI Human Detection Filter, which recognizes human silhouettes and helps reduce the number of false alarms by up to 90%. The device also supports motion and unusual sound detection, alerting you to recorded events via push notifications in the app. You can also define activity zones to specify areas requiring special attention. This solution allows you to monitor selected locations more effectively and reduces the number of unnecessary notifications.

Audible Alarm

The camera not only allows you to monitor your surroundings but also offers features to deter unwanted visitors. The built-in alarm siren lets you respond to detected events. This allows the device to draw attention to a potential threat and discourage an intruder from remaining on the monitored premises. Combined with smart detection and in-app notifications, you get a practical system that helps protect your property.

Talk to People in Front of the Camera

The built-in microphone and speaker enable real-time two-way voice communication. So, for example, you can speak to a visitor standing at the entrance or get the attention of someone on your property. The Two-Way Intercom feature enhances remote surveillance capabilities by combining video monitoring with direct communication.

Save important events to a memory card

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Save footage documenting situations detected by the camera. The MOES S52 supports saving screenshots and recordings related to alarm events to a TF (microSD) memory card. This allows you to store recorded footage and review it as needed. To use local recording, you must use a compatible memory card (not included).

Convenient Control via the App

Manage your surveillance using your smartphone with the 11Cam or MOES App. The camera allows you to view live footage remotely, receive notifications about detected events, and adjust surveillance settings. To add the device in the 11Cam app, select “Add Device,” then “QR code for camera.” Point the camera lens at the QR code displayed on your phone’s screen and follow the instructions in the app. Once setup is complete, you can conveniently monitor your property from anywhere with Internet access.

Durable Design for Outdoor Use

The MOES camera is designed for outdoor use. Its housing is made of V-0-rated ABS plastic, and its IP65 rating ensures protection against dust and water jets. The device can operate at temperatures ranging from -10°C to 50°C and at relative humidity levels from 20% to 85%, without condensation. The body dimensions are 92 × 131 × 136 mm, which makes it easy to plan the installation location. The camera is designed for wall mounting, and the included brackets, mounting hardware, and positioning stickers help ensure proper installation.

Included in the package

- MOES S52 camera x1
- Solar panel x1
- Solar panel mounting bracket x1
- Camera wall mount x1
- Set of mounting screws x2
- Charging cable x1
- Positioning stickers x2
- User manual x1
- Quick installation guide x1

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Model	4GCM-S52-EU-S-MS
Connectivity	4G
4G module	CLM920-HE9 EU Cat1
Supported bands	B1, B3, B7, B8, B20, B28
SIM card	Built-in virtual SIM card (VSIM)
Data Transmission	Requires a 4G data plan
Battery Capacity	7800 mAh
Battery Type	Lithium
Solar Panel Power	5 W
Standby Power Consumption	19.45 mW
Power consumption during operation	935 mW
Sensor resolution	3 MP
Live view resolution	HD 1920 × 1080 / SD 640 × 360
Image notification resolution	640 × 360
Lens focal length	4 mm
Aperture	F2.0
Video compression	H.265
Horizontal rotation range	355°
Vertical rotation range	90°
Night modes	Full-Color, Infrared
Detection	AI-powered detection of people, motion, and unusual sounds
False alarm reduction	Up to 90%
Activity Zones	Yes
Two-Way Communication	Yes
Microphone	Built-in

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Speaker	Built-in
Recording Storage	TF (microSD) memory card 32/64/128 GB
Compatible Apps	11Cam, MOES App
Housing Material	ABS
Housing Flammability Rating	V-0
Protection Rating	IP65
Mounting Method	Wall-mounted
Operating Temperature	-10°C to 50°C
Operating humidity	20–85% RH (non-condensing)
Dimensions	92 × 131 × 136 mm

Information about data generation: https://dataact.innpro.pl/Moes/6978507851361, GPSR Link: https://psr-assets.innpro.pl/smarthome/sg_smarthome_ip_cameras.pdf, PPWR: https://ppwr.innpro.pl/en/moes, Gross weight: 1000, Net weight: 900, Box length: 21,20, Box width: 19,50, Box height: 14,00, Last delivery: 15.11.2026

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