MS-6008A DATA SHEET

4G Solar AOV Camera with Four Lenses & Four 1080P Views



White · Also available in Space Blue

Category	Parameter	Specification
Core Features	Four Lenses, Four 1080P Views	Four physical lenses with four 1920 × 1080 video views.
	Three PTZ Heads, Six Motors	One fixed view and three motorized pan-tilt heads; six motors in total.
	Low-Power AOV Recording	AOV recording between events; switches to full-frame recording within 50 ms of human detection.
	15 W Solar & 16,000 mAh Battery	Dual 7.5 W solar panels (15 W total) with a built-in 16,000 mAh battery.
Basic Features	H.265+ Video Encoding	H.265+ low-bitrate encoding reduces storage, bandwidth and 4G data use.
	Full-Duplex Two-Way Audio	Built-in microphone and speaker with echo cancellation.
	Four Night Vision Modes	Black & white, full color (hidden by default), smart and starlight modes.
	Local & Cloud Recording	microSD / TF card up to 256 GB; paid cloud recording is supported.
AI Features	Human Detection & Tracking	1.0 TOPS AI processing; human detection up to 40 m, 99.88% detection accuracy and human tracking.

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Category	Parameter	Specification
Product Identification	Product Model	MS-6008A
	Product Name	4G Solar AOV Camera with Four Lenses & Four 1080P Views
	Factory Motherboard Model	6008A
System	Main Processor	X85T
	Operating System	Embedded Linux
	AI Computing Power	1.0 TOPS
Video & Imaging	Image Sensor	Four-channel 1/3-inch CMOS
	Image Channels	4
	Resolution	1920 × 1080 (2MP) per channel; 4 channels
	Physical Lens Count	4
	Focal Length	4 mm × 4
	Video Compression	H.265+
	Video Frame Rate	10 fps
	Video Bitrate	135–2048 kbps
	Video System	PAL 50 Hz / NTSC 60 Hz
	Minimum Illumination	Day mode: 1 Lux; night vision mode: 0.01 Lux
	Screenshot Function	Supported
Pan & Tilt	Fixed Views	1
	PTZ Heads	3
	Motor Count	6
	Pan Range	355°
	Tilt Range	90°
	Preset Positions	Up to 6
	Guard Position	Supported
	Position Calibration	Supported
	Human Tracking	Supported
Audio	Audio Input	Analog microphone; signal-to-noise ratio: −42 dB
	Audio Output	4 Ω speaker; maximum output 3 W
	Audio Compression	G.711U
	Two-Way Audio	Full-duplex
	Echo Cancellation	Supported
Night Vision	Illumination	Dual light panels
	LED Count	18
	Night Vision Modes	Black & white / Full color (hidden by default) / Smart / Starlight

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Category	Parameter	Specification
Detection & Alarm	Detection Type	Human detection
	Human Detection Range	Up to 40 m
	Human Detection Accuracy	99.88%
	Human Tracking	Supported
	Audible & Light Alarm	Triggered by human detection; requires dual light panels
	Alarm Sound	Built-in alarm sound
	Alarm Actions	Linked video recording and snapshots
Recording	Recording Modes	AOV recording / Human-triggered recording
	Event Video Frame Rate	10 fps
	Event Switching Time	Within 50 ms
	Recording Destinations	microSD / TF card; paid cloud recording
Network & Pairing	Connectivity	4G LTE
	LTE-FDD Bands	B1 / B3 / B5 / B8
	LTE-TDD Bands	B34 / B38 / B39 / B40 / B41
	Other Regional Versions	For details of other versions, please contact our sales team.
	Device Addition	Scan code to add the device
	Server Connection	Automatic server connection after power-on
	Data Top-Up & Inquiry	Supported
	Connection Protection	Triple disconnection protection; fault detection
Power	Power Supply	3.7 V lithium battery with solar charging
	Battery Capacity	16,000 mAh
	Working Current	420 mA ± 10 mA
	Solar Panel Power	15 W
	Solar Panel Configuration	7.5 W × 2
	Solar Panel Voltage	5 V
	Solar Panel Current	2 A
	Solar Cable Length	1.5 m
	Solar Connection	USB Type-C
Storage & Services	Memory Card Type	microSD / TF card
	Maximum Card Capacity	256 GB
	Memory Card File System	FAT32
	Cloud Recording	Supported; paid subscription required
Environment & Protection	Operating Temperature	−20 °C to +70 °C

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Category	Parameter	Specification
APP	App Platform	HiEasy (overseas markets)
	Mobile Operating Systems	Apple iOS / Android
	App Languages	Simplified Chinese, Traditional Chinese, English, Finnish, Korean, French, Portuguese, Thai, Spanish, Polish, Indonesian, German, Italian, Russian, Japanese, Vietnamese, Arabic, Turkish
Dimensions & Packaging	Housing Colors	White / Space Blue
	Product Dimensions	302.5 × 255.5 × 198.5 mm
Dimensions & Packaging	Net Weight	2,350 g
	Unit Package Dimensions	380 × 250 × 200 mm
	Unit Package Weight	2,750 g
Accessories	Solar Panels	Two 7.5 W panels (15 W total)
	Solar Bracket	1 solar bracket
	Panel Connection Frame	1 double-panel connection frame
	Screw Packs	3 packs
	Documentation	Product manual + App user guide
	Memory Card Options	64 GB or 128 GB TF card; one card per selected option
	SIM / Data Card	1 card (optional)

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