MS-9562 DATA SHEET

Dual-Lens AOV Camera



Gray



White

Solar 4G configurations illustrated. White and gray housings are available.

Category	Parameter	Specification
Core Features	Dual-View Imaging	Two 1920 × 1080 channels. A wide-view bullet camera works with a pan-tilt tracking camera.
	AOV Recording with Audio	24-hour low-power AOV recording with synchronized audio. Human detection switches recording to full frame rate in as little as 50 ms.
	Human Tracking & Active Alarm	Human detection up to 40 m, automatic human tracking and human-triggered sound-and-light warning.
	Four Night Vision Modes	Black-and-white, full-color, smart and starlight modes with dual-light illumination.
Basic Features	H.265+ Encoding	Low-bitrate H.265+ encoding reduces video storage, bandwidth and 4G data requirements.
	Full-Duplex Audio	Two-way talk with optimized echo cancellation and background-noise processing.
	Recording & Management	TF-card and PC recording. Cloud storage, NVR, EasyVMS and ONVIF are supported.
	Position Control	Guard position and automatic position calibration are supported.
	Connection Protection	The 4G version supports automatic server connection, QR-code adding, three-level connection-loss protection and fault detection.
AI Features	AI Processing	High-performance AI controller with 0.5T computing capability.
	Human Detection Accuracy	Specified human-detection accuracy: 99.88%. Detection distance: up to 40 m.
	Human Tracking	The pan-tilt camera follows detected people.

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Parameter	Solar 4G	WiFi Continuous-Power
Connectivity	4G LTE	WiFi
Power	3.7V lithium battery with solar charging	DC12V continuous power

Both versions offer 2MP × 2 or 3MP × 2. RJ45 and PoE apply to the WiFi version only.

Category	Parameter	Specification
Product Identification	Product Model	MS-9562
	Product Name	Dual-Lens AOV Camera
	Factory Product Model	9562A
	Versions	Solar 4G / WiFi continuous-power
System	Main Processor	High-performance dual-core processor
	Operating System	Embedded Linux
	AI Computing Capability	0.5T
Video & Imaging	Image Sensor	1/3.2-inch CMOS
	Physical Lens Count	2
	Image Channels	2
	Standard Resolution	2MP per channel, 1920 × 1080 on each of two channels
	Resolution Option	3MP per channel on both channels; available on both versions
	Lens Arrangement	Shorter-focal-length bullet lens and longer-focal-length pan-tilt lens
	Video Compression	H.265+
	Video Bitrate	135–2048 kbps
	Video System	PAL 50 Hz / NTSC 60 Hz
Pan & Tilt	Camera Movement	Wide-view bullet camera + pan-tilt camera
	Human Tracking	Supported
	Guard Position	Supported
	Position Calibration	Automatic position calibration supported
Audio	Audio Input	Supported
	Audio Output	Supported
	Audio Compression	G.711U
	Two-Way Audio	Full duplex
	Echo & Noise Processing	Optimized echo cancellation and background-noise processing
	AOV Recording Audio	Synchronized audio supported

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Category	Parameter	Specification
Night Vision	Illumination	Dual-light illumination
	Supplemental Light Count	10
	Night Vision Modes	Black-and-white / Full-color / Smart / Starlight
	Minimum Illumination: Day	1 Lux
	Minimum Illumination: Night	0.01 Lux
Detection & Alarm	Detection Type	Human detection
	Human Detection Range	Up to 40 m
	Human Detection Accuracy	99.88%
	Human Tracking	Supported
	Audible & Light Alarm	Human detection can trigger sound-and-light warning
AOV & Recording	AOV Recording	24-hour low-power AOV recording with synchronized audio
	Mode Switching	Human detection switches AOV recording to full-frame-rate recording
	Switching Response Time	As fast as 50 ms
	Other Recording Modes	Human-triggered / Alarm-triggered / Scheduled recording
	Recording Destinations	TF card / PC
	Cloud Recording	Supported
Network & Pairing	Cellular Connectivity	4G LTE (Solar 4G version)
	4G Device Adding	QR-code adding and automatic server connection on power-up
	4G Connection Protection	Three-level connection-loss protection with fault detection
	WiFi Connectivity	Supported (WiFi continuous-power version only)
	RJ45 Ethernet	Supported on the WiFi continuous-power version only
	PoE	Supported on the WiFi continuous-power version only
	Network Protocol	ONVIF
	PC Software	EasyVMS
	NVR Support	Supported
Power	Solar 4G Power Supply	3.7V rechargeable lithium battery with solar charging
	Battery Capacity Options	10,000mAh / 12,000mAh (Solar 4G version, optional configurations)
	Solar Panel Options	5V/7W single panel / Two 5V/7W panels (optional configurations)
	Dual-Panel Rated Power	14W total (7W × 2)
	WiFi Power Supply	DC12V continuous power; PoE supported

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Category	Parameter	Specification
Storage & Services	Memory Card Type	microSD / TF card
	Maximum Card Capacity	256 GB
	Memory Card File System	FAT32
	Cloud Storage	Supported
	Central Management	NVR / EasyVMS
Environment & Protection	Installation Environment	Outdoor
	Operating Temperature	−30 °C to +80 °C
	Weather Resistance	Outdoor rain-resistant construction
APP	App Platform	HiEasy (overseas markets)
	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 / Gray
	Upper Body Width (Drawing)	157 mm
	Lower Body Width (Drawing)	132 mm
	Body Height (Drawing)	163.5 mm
	Solar 4G Net Weight	0.69 kg
	Solar 4G Unit Gross Weight	1.75 kg
	Solar 4G Unit Package Size	270 × 210 × 163 mm
	Solar 4G Carton Dimensions	600 × 540 × 330 mm

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