MS-HQ0620 DATA SHEET

HiEasy Dual-Lens 4G Solar AOV Security Camera



Category	Parameter	Specification
Core Features	Dual Lenses, Dual Views	Two 2MP lenses deliver a fixed overview and a separate pan-and-tilt view.
	Solar-Powered 4G LTE	One 7.5W solar panel and 4G LTE connectivity.
	8,000mAh Battery	Rechargeable lithium battery with four 2,000mAh cells.
	AOV 24/7 Recording	Records at a low frame rate and switches to full frame rate when a person is detected.
	12× Digital Zoom	Digitally enlarges the selected view.
AI Features	Human Detection and Tracking	0.5TOPS AI processing, human detection up to 40m and human tracking.
Identification	Product Model	MS-HQ0620
System	Processor	High-performance dual-core processor
	Operating System	Embedded Linux
	AI Computing Power	0.5
Video & Imaging	Image Sensors	Dual 1/3.2-inch CMOS sensors
	Physical Lens Count	2
	Video Channels	2
	Resolution	2×2MP (1920 × 1080 per view)
	Focal Length	4
	Digital Zoom	12×
	Video Compression	H.265+
	Video Frame Rate	10
	Video Bitrate	135–2048kbps
	Video System	PAL 50Hz / NTSC 60Hz
	Minimum Illumination	Day mode 1 lux / Night mode 0.01 lux
	Snapshot Function	Supported
Pan & Tilt	Fixed Views	1
	Pan-and-Tilt Heads	1
	Preset Positions	6
	Guard Position	Supported
	Position Calibration	Automatic

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Audio	Audio Input	Analog microphone
	Audio Output	8Ω speaker, up to 2W
	Audio Codec	G.711U
	Two-Way Audio	Full-duplex with echo cancellation
Night Vision	Illumination	Supports dual-light boards
	Night Vision Modes	Black-and-white, full color, smart and starlight.
Detection & Alarm	Detection Type	AI human detection
	Human Detection Range	Up to 40m
	Detection Accuracy	99.88%
	Human Tracking	Supported
	Audible and Light Alarm	Triggered by human detection with compatible dual-light boards.
	Alarm Actions	Alarm sound, video recording and snapshots
AOV & Recording	Recording Modes	AOV and human-triggered recording
	AOV Mode Behavior	Low-frame-rate recording between events. Full-frame-rate recording on human detection.
	AOV Audio	Supported
	Event Switch Time	As fast as 50ms after human detection
Network & Pairing	Primary Connectivity	4G LTE
	Regional LTE Options	Asia and Europe versions. Custom LTE bands available on request.
	Device Pairing	Scan the device code to add the camera
	Server Connection	Automatic after power-on
	Data Top-Up	Top-up and usage inquiry supported
Power	Power Supply	3.7V lithium battery with solar charging
	Battery Capacity	8,000mAh
	Battery Configuration	4 × 2,000mAh cells
	Solar Panel Power	7.5W
	Charging Input	5V
Storage & Services	Memory Card Type	microSD (TF)
	Maximum Card Capacity	256GB
	Memory Card File System	FAT32
	Cloud Recording	Optional paid cloud storage
Environment & Protection	Installation Environment	Outdoor
	Operating Temperature	−20°C to +55°C
App	App Platform	HiEasy
	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 Color	White
	Quantity per Carton	12pcs
	Carton Dimensions	54.5 × 42.3 × 62.5cm
	Carton Gross Weight	19.6kg

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