MS-HQ0500 | DATA SHEET

2MP Solar 4G LTE PTZ Security Camera



Main: Solar 4G LTE (AS / EU) • **Optional: Solar Wi-Fi / DC 12V Ethernet** • **White**

Category	Parameter	Specification
Core Features	AOV 24/7 Recording	Solar 4G: continuous low-frame-rate recording; higher frame rate when a human is detected.
	Solar-Powered 4G LTE	Main version: 4G LTE (AS / EU), 1 × 7.5W solar panel and an 8,000mAh battery.
	Human Detection up to 40m	Human-shaped target detection at distances of up to 40m (Solar 4G / Solar Wi-Fi).
	Pan / Tilt & Digital Zoom	One PTZ head, 350° horizontal / 90° vertical rotation and 12× digital zoom.
	Full-Color Night Vision	Full-color nighttime monitoring (Solar 4G / Solar Wi-Fi).
Basic Features	Single-Lens 2MP Video	One physical 4mm lens, one video view and 2MP resolution.
	H.265+ Video Encoding	H.265+ compression (Solar 4G / Solar Wi-Fi).
	HiEasy App	Device monitoring and control through the HiEasy app.
	Available Connectivity Versions	Solar 4G LTE (AS / EU); optional Solar Wi-Fi and DC 12V Ethernet versions.
AI Features	Human Detection	Human targets detected up to 40m away (Solar 4G / Solar Wi-Fi).
	Human Tracking	Automatic human tracking (Solar 4G / Solar Wi-Fi).
Product Identification	Product Model	MS-HQ0500
	Product Name	2MP Solar 4G LTE PTZ Security Camera
	Main Sales Version	Solar 4G LTE (AS / EU)
	Optional Versions	Solar Wi-Fi; DC 12V Ethernet
	Housing Color	White
System	AI Computing Power	0.5TOPS (Solar 4G)

Website: icseecam.com	Email: info@icseecam.com	
Category	**Parameter**	**Specification**
Video & Imaging	**Physical Lens Count**	1
	Video Channels / Views	1
	Resolution	2MP (confirmed final-device configuration)
	Wi-Fi Video Output	2MP
	Focal Length	4mm
	Video Compression	H.265+ (Solar 4G / Solar Wi-Fi)
PTZ & Zoom	**PTZ Head Count**	1
	Pan Range	350°
	Tilt Range	90°
PTZ & Zoom	**Zoom Type**	Digital
	Digital Zoom	12×
Night Vision	**Confirmed Night Vision**	Full-color night vision
Detection & Alarm	**Detection Target**	Human-shaped targets
	Human Detection Distance	Up to 40m (Solar 4G / Solar Wi-Fi)
	Human Tracking	Supported (Solar 4G / Solar Wi-Fi)
AOV & Recording	**Recording Mode**	AOV 24/7 Recording (Solar 4G)
	Routine Monitoring	Continuous low-frame-rate recording (Solar 4G)
	Event Trigger	Human detection (Solar 4G)
	Triggered Recording	Automatically increases frame rate (Solar 4G)
Network & Pairing	**Main Connectivity**	4G LTE (AS / EU sales versions)
Network & Pairing	**Optional Solar Wi-Fi Connectivity**	Wi-Fi
	Optional DC 12V Connectivity	Ethernet
Power	**Solar 4G Power Source**	7.5W solar panel + lithium battery
	Solar 4G Solar Panel Count	1
	Solar 4G Solar Panel Power	7.5W
	Solar 4G Battery Capacity	8,000mAh
	Solar 4G Battery Cells	4 × 2,000mAh
	DC 12V Version Power	DC 12V continuous power
Environment & Protection	**Installation Environment**	Outdoor

APP	**Application**	HiEasy
	Carton Quantity	12pcs/carton (supplied Solar 4G configuration)
	Carton Dimensions	50.2 × 37 × 50cm (supplied Solar 4G configuration)
	Carton Gross Weight	15.6kg (supplied Solar 4G configuration)
Accessories	**Solar Panel Configuration**	1 × 7.5W panel (Solar 4G)
	Battery Configuration	4 × 2,000mAh cells (Solar 4G)

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