MS-HQ0830 | DATA SHEET

Solar 4G Triple-Lens PTZ Security Camera



4G-AS / 4G-EU • HiEasy • 3 × 2MP Full HD • 15W Solar

Category	Parameter	Specification
Core Features	3 Lenses, 3 Views	Three 4mm lenses provide three separate 2MP Full HD video streams.
	3 PTZ Heads, 6 Motors	Center head: 355° pan / 90° tilt; two side heads: 180° pan / 90° tilt each.
	4G LTE without a Wi-Fi Router	Solar 4G LTE connectivity; regional versions: 4G-AS and 4G-EU.
	AOV 24/7 Recording	Low-frame-rate recording between events; event detection triggers higher-frame-rate recording.
	15W Dual Solar Panels	Two 7.5W solar panels provide 15W nominal panel power.
	12,000mAh Battery	Battery configuration: 6 × 2,000mAh cells.
Basic Features	Video Compression	H.265+
	Full-Color Night Vision	Supported.
	Outdoor Protection	IP66.
	Mobile App	HiEasy.
AI Features	AI Processing	1.0TOPS.
	Human Detection	Up to 40m.
	Human Auto Tracking	Supported.
Product Identification	Product Model	MS-HQ0830
	Product Name	Solar 4G Triple-Lens PTZ Security Camera
	Regional Versions	4G-AS / 4G-EU
	Housing Color	White
System	AI Computing Power	1.0TOPS
Video & Imaging	Physical Lens Count	3
	Video Channels / Views	3 independent views
	Video Resolution	3 × 2MP Full HD streams (2MP per view)
	Focal Length	3 × 4mm
	Video Compression	H.265+
Pan & Tilt	PTZ Heads	3
	Motor Count	6
	Center Head Pan	355°
	Center Head Tilt	90°
	Left & Right Heads Pan	180° each

	Left & Right Heads Tilt	90° each
Night Vision	**Confirmed Night Vision Mode**	Full-color night vision
	Human Detection	Supported
Detection & Alarm	**Human Detection Range**	Up to 40m
	Human Auto Tracking	Supported
	Recording Mode	AOV 24/7 recording
Recording	**AOV Between Events**	Low-frame-rate recording
	Triggered Recording	Switches to a higher frame rate on event detection
	Connectivity	4G LTE
Network & Pairing	**Regional Versions**	4G-AS / 4G-EU
	Wi-Fi Router	Not required for 4G LTE connectivity
	Power Source	Solar panels + rechargeable battery
	Solar Panel Configuration	2 × 7.5W
Power	**Total Solar Panel Power**	15W
	Battery Capacity	12,000mAh
	Battery Cell Configuration	6 × 2,000mAh
	Installation Environment	Outdoor
Environment & Protection	**Ingress Protection**	IP66
APP	**App Platform**	HiEasy
	Product Color	White
Dimensions & Packaging	**Packing / Carton Dimensions**	66.5 × 45.5 × 61cm