

Smart Camera Starcard 4G Solar

MODEL : WIOT1060FV-SOLAR-4G



Product Specifications

Product Dimension	92X131X136 mm
Net Weight	0.45kg
Power Cable Length	0.8M
Housing Material	ABS
Housing	White
Hosing Flame Retardance	V-0
Ingress Protection(IP)	IP65

Hardware Specifications

Image Sensor	1/3" 3MP progressive CMOS
Sensor Brand And Model	SMARTSENS, SC2337
Main Chipset Brand And Model	INGENIC, T31ZL
4G Module Brand And Model	YUGA CLM920
Lens Brand And Model	Yutong, 12001
lens Focal Length	4mm
Aperture	F2.0
Antenna Gain (dBi)	3dB

Electrical Specifications

Power Supply	Lithium battery pack
Standby Power Consumption	4.8MW
Working Power Consumption	880MW
Live Stream Video Resolution	3MP HD(2304*1296) / SD(640*360)
Notification Image Resolution	SD(640*360)
Angle of View(H/V/D)	H 82.5° / V 44.9° / D 99.3°
Angle of Pan and Tilt	H 270° / V 90°
Microphone Sensitive	-38dB
Noise Reduction	3D NR
Audio Input	Built in Mic
Audio Output	Built in 8Ω1W Speaker
Audio Compression	G711U
Video Compression	H.264 / H.265
Frame Rate	Main streaming 1024Kbps / Sub streaming 256Kbps

Lighting Specifications

IR CUT	Support
IR On/Off Control	Auto / Manual
IR Distance	15m (49ft)
Night Vision Mode	Infrared mode & Color mode
Number of Infrared Light	4 pcs
Number of White Light	4 pcs
Indicator Color Status	Solid red - not connected to base station, no SIM card inserted, or no data traffic Flashing blue - connected to 4G network but not configured Solid blue - connected to server Both red and blue light up (purple) - Firmware upgrade in progress All off - powered off or in sleep mode

Feature

1. The Ultimate "Four-Zero" Surveillance Solution :

No Network, No Power, No physical SIM card, No Human Intervention

2. Built-in VSIM Technology:

Seamlessly switch between global carrier networks without physical SIM cards.

3. Free 4G Data:

No hidden fees. Ready to use out of the package, globally compatible.

4. Unmatched Sustainability:

- 3x18650 Rechargeable Li-ion Battery Pack+5W Monocrystalline Solar Panel,
- 2-Month Extended Battery Life



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Network Specifications

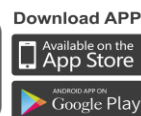
♦ Wireless Standard	LTE-FDD
♦ Wireless Frequency	European-Australian Edition: CLM920-HE9 EU Cat1(B1, 3, 7, 8, 20, 28)
	TX: Band 1: 1920-1980MHz, Band 3: 1710-1785MHz, Band 7: 2500-2570MHz, Band 8: 880-915MHz, Band 20: 832-862MHz, Band 28: 703-748MHz
♦ Operation Frequency	RX: Band 1: 2110-2170MHz, Band 3: 1930-1990MHz, Band 7: 2620-2690MHz, Band 8: 926-960MHz, Band 20: 791-821MHz, Band 28: 758-803MHz
♦ Working Temperature	-10°C ~ 50°C
♦ Working Humidity	20%-85%RH (no condensation)

Basic Specifications

♦ Network Setup	♦ APP scan the QR code on the camera; ♦ Camera scan the QR code in APP.
♦ Two-way Talk	Support
♦ Sound Detection	N/A
♦ Motion Detection	Support
♦ Area Monitoring Detection	Support
♦ Humanoid Body Filtering	Support
♦ Trigger Siren	Support
♦ Privacy Mode	N/A
♦ Privacy Zones	N/A
♦ Tamper Alarm	N/A
♦ Cloud Storage	N/A
♦ PIR Set	N/A
♦ WebRTC	Support
♦ Siren	Support
♦ Condition to trigger local storage	Motion detection & Preview
♦ Condition to trigger cloud storage	N/A
♦ WDR	N/A
♦ Anti Flicker	Support
♦ Local Storage SD Slot	Micro SD Slot (up to 128GB)
♦ Hot Swappable SD Card	Support
♦ Local SIM Card Slot	N/A
♦ Voice Solution Configuration	Amazon Alexa, Google Assistant

Battery Specifications

♦ Battery Type	3 * 18650 Rechargeable Lithium Battery (Low temperature resistant)
♦ Battery Capacity	7800mAh
♦ Battery Charging Time (Input DC 5V1A)	10 hours
♦ Battery Life	2 months (triggered 10 times per day)



Solar Panel Specifications

♦ Solar Panel Dimension	183*183*15mm
♦ Solar Panel Net Weight	283g
♦ Solar Panel Power Cord Length	2 meters
♦ Solar Panel Shell Material	ABS
♦ Solar Panel Craftmanship	Glass+EVA+Monocrystalline solar cells +EVA+PTP panel
♦ Solar Panel Output Power	5W
♦ Does Solar Panel Include Battery	N/A
♦ Solar Panel Energy Conversion Rate	≥21%
♦ Solar Panel Charging time for the camera	Charging from 0% to 100% costs 8-10 days, depending on sunlight conditions.
♦ Working Temperature	- 20°C ~ 55°C
♦ Working Humidity	≤60%RH

Automation in Specifications

♦ Automation Function as Condition	TBD
♦ Automation Function as Result	TBD

Certification

♦ Approved Certification	FCC CE ROHS
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Accessories

♦ Accessory Contents	1x intelligent camera 1x solar panel 1x solar panel installation bracket 1x smart camera wall mount bracket 2x screw package 1x charging cable 2x positioning stickers 1x Quick Installation Guide
♦ Carton Size	595*432*292 MM
♦ Color Box Size	258x195x138 MM
♦ Carton Gross Weight	13.5 KGS
♦ Packing Quantity	12 PCS



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