

# Smart Camera Dual lens V-Sim 4G Solar

MODEL : WIOT1062FV-S3X-SOLAR-4G



## Feature

- 1/3" FHD 3Megapixel progressive CMOS
- The Ultimate "Four-Zero" Surveillance Solution
  - No Network, No Power, No physical SIM card, No Human Intervention
- Built-in VSIM Technology
  - Seamlessly switch between global carrier networks without physical SIM cards.
- 3 Years 4G Data :
  - No hidden fees. Ready to use out of the package
- H.265 video compression technology, high-definition, low bit rate
- LED Full Color Night Vision
- Unmatched Sustainability
  - 2x18650 Rechargeable Li-ion Battery Pack+5W Monocrystalline Solar Panel,
  - 2-Month Extended Battery Life
- Support local storage by MicroSD card up to 128 GB
- Support 2-way audio between phone and camera

## Specifications

### Hardware Specification

|                              |                           |
|------------------------------|---------------------------|
| Image Sensor                 | 1/3" 3MP progressive CMOS |
| Sensor Brand And Model       | SMARTSENS, SC2337         |
| Main Chipset Brand And Model | INGENIC, T32              |
| 4G Module Brand And Model    | YUGA CLM920               |
| Lens Brand And Model         | HH 9115+22.5              |
| lens Focal Length            | 4mm+6mm                   |
| Aperture                     | F1.6                      |
| Antenna Gain (dBi)           | 3dB                       |

### Electrical Specification

|                               |                                 |
|-------------------------------|---------------------------------|
| 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)                     |



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## Electrical Specification

|                       |  |
|-----------------------|--|
| Angle of View(H/V/D)  | H 52.3° / V 28.4° / D60.7° H77.5°/V41.1°/D 91.7° |
| Angle of Pan and Tilt | H 270° / V90°                                    |
| 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 Specification

|                          |  |
|--------------------------|--|
| IR CUT                   | Support  |
| IR On/Off Control        | Auto / Manual  |
| IR Distance              | 15m (49ft)   |
| Night Vision Mode        | Infrared mode & Color mode   |
| Number of Infrared Light | 8 pcs  |
| Number of White Light    | 8 pcs  |
| Indicator Color Status   | Solid red - not connected to base station, no SIM card inserted,<br>flashing blue - connected to 4G network but not configured<br>Solid blue - connected to server<br>Both red and blue light up (purple) - Firmware upgrade in progress<br>All off - powered off or in sleep mode |

## Network and Condition

|                     |  |
|---------------------|--|
| Wireless Standard   | LTE-FDD  |
| Wireless Frequency  | European-Australian Edition: CLM920-HE9 EU Cat1(B1, 3, 7, 8, 20, 28)   |
| Operation Frequency | TX:Band 1:1920-1980MHz, Band 3:1710-1785MHz, Band 7: 2500-2570MHz, Band 8:880:880-915MHz, Band 20: 832-862MHz, Band 28: 703-748MHz<br>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 Specification

|                                    |  |
|------------------------------------|--|
| Pairing Method                     | 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  |



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|  |  |
|--|--|
| 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   |
| <b>Battery</b>                           |  |
| Battery Type                             | 2 * 18650 Rechargeable Lithium Battery (Low temperature resistant)   |
| Battery Capacity                         | 5200mAh  |
| Battery Charging Time (Input DC 5V1A)    | 10 hours   |
| Battery Life                             | 2 months (triggered 10 times per day)  |
| <b>Solar Panel</b>                       |  |
| Solar Panel Dimension                    | 144*116*14mm   |
| Solar Panel Net Weight                   | 171g   |
| Solar Panel Power Cord Length            | 2 meters   |
| Solar Panel Shell Material               | ABS  |
| Solar Panel Craftsmanship                | PET  |
| Solar Panel Output Power                 | 3W   |
| 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   |
| <b>Basic Specification</b>               |  |
| Automation Function as Condition         | TBD  |
| Automation Function as Result            | TBD  |
| <b>Certification</b>                     |  |
| Approved Certification                   | N/A  |
| <b>Accessory Contents</b>                |  |
| Accessory Contents                       | 1x intelligent camera<br>1x solar panel<br>1x smart camera wall mount bracket<br>2x screw package<br>1x charging cable<br>2x positioning stickers<br>1x Quick Installation Guide |



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