

# SOLAR EYE <sup>4G</sup>

4G SOLAR PT CAMERA



-   
 Smart Night Vision
-   
 Supports SD Card Up to 256GB
-   
 Motion Detection
-   
 Two Way Audio
-   
 4G Sim Card Supported
-   
 Supports Mobile Phone View

**Features:**

- Supports solar power, making it ideal for use in locations that have difficulty accessing electricity and network
- 4 MP 1/2.8" CMOS sensor, low luminance, and high definition
- H.265 codec that supports high compression ratio and an ultra-low bit rate
- Built-in warm light and IR LED.
- Sound and light alarm linkage. When the alarm is triggered, the sound and light will be linked
- Built in high-performance 4G Module that suits all mobile networks.
- Supports two-way audio, Build-in Speaker and Microphone
- Supports max. 256 G Micro SD card.
- Cloud Recording Support
- Remote View Support Android, IOS, PC CMS
- Support Humanoid, Motion Detection

| Specification |                            | S-CWC100  |
|---------------|----------------------------|---|
| Camera Lens   | Image Sensor               | 1/2.8" CMOS   |
|               | Pixel                      | 4 MP  |
|               | Max. Resolution            | 2560 (H) X 1440 (V)   |
|               | Electronic shutter         | 1/3s-1/30,000s  |
|               | Min. Illumination          | Color: 0.05 lux@F1.6<br>B/W: 0.005 lux@F1.6<br>0 lux@F1.6 (Illuminator on)                        |
|               | Illumination Distance      | 20m - 30m (IR)  |
|               |                            | 20m - 30m (white light)   |
|               | Illuminator On/Off Control | Manual; Smart IR  |
|               | Illuminator Number         | 4 (IR, White light)   |
|               | PIR Sensor                 | Yes   |
| Lens          | Focal Length               | 4mm   |
|               | Max. Aperture              | F1.6  |
|               | Field of View              | H: 84°<br>V: 42°<br>D: 101°   |
| Network       | 4G                         | Yes   |
|               | Frequency Band             | LTE-FDD: B1/3/5/7/8/20/28<br>LTE-TDD: Band 38/40/41<br>WCDMA: Band 1/5/8<br>GSM: 850/900/1800 Mhz |
|               | Storage                    | Micro SD card (Support up to 256G)  |
|               | Mobile View                | iOS; Android  |
|               | Management Software        | Yes   |
| PTZ           | Pan/Tilt Range             | Horizontal direction:350°; Vertical direction:150°  |
|               | Manual Control Speed       | Pan: 62°/s; Tilt: 36.3°/s   |
| Video         | Video Compression          | H.265; H.264; H.264+; H.265+  |
|               | Resolution                 | Main Stream (2560 X 1440), Sub Stream(640 X 360)  |
|               | Video Frame Rate           | 15fps   |
|               | Bit Rate Control           | CBR/VBR   |
|               | Video Bit Rate             | H.264: 32 kbps-8192 kbps  |
|               | Day/Night                  | Auto (ICR)  |
|               | BLC                        | Yes   |
|               | WDR                        | DWDR  |
| HLC           | Yes                        |   |



|                         |                               |  |
|-------------------------|-------------------------------|--|
|                         | Noise Reduction               | Yes  |
|                         | Motion Detection              | Yes  |
|                         | Motion Detection Area Setting | Yes  |
|                         | Image Rotation                | Flip Image   |
|                         | Image enhancement             | 3D DNR   |
| <b>Solar</b>            | Audio Format                  | AAC, G.711   |
|                         | Maximum Power                 | 5.5 W  |
|                         | Operating Temperature         | -40 °C to +80 °C (-40 °F to +176 °F)   |
|                         | Panel                         | 7W   |
| <b>Battery</b>          | Standard testing condition    | AM = 1.5, 25 °C (77 °F), 1000 W/m <sup>2</sup> , SMQ + 12%   |
|                         | Battery                       | 18000mAh   |
|                         | Battery Status in App         | Yes  |
|                         | Battery type                  | Lithium-ion  |
|                         | Max. Charging Voltage         | 4.2 V  |
|                         | Operating Temperature         | 0 °C to +50 °C (+32 °F to +122 °F)   |
|                         | Battery Voltage               | 3.6 V  |
|                         | Cycle Lifetime                | Sleep Mode:7 days (at the rate of 1-hour remote live view per day)   |
| <b>Power</b>            | Battery Life                  | More than 500 cycles   |
|                         | Power Supply                  | Type-C 5V/1A   |
|                         | Battery Life on a Full Charge | Sleep Mode: 7days (at the rate of 1-hour remote live view per day)   |
|                         | Power Consumption             | Sleep: 35 mW<br>Static: 2.3 W (daytime, only SD storage) 2.5 W (daytime: pulling stream in 4G), 4.8 W (illuminator on, pulling stream in 4G)<br>Max.: 10 W (Illuminator + PTZ + Heater + Pulling Stream in 4G) |
| <b>Motion Detection</b> | White light warning           | White light warning  |
|                         | Light Warning                 | Flash duration: 5s - 10s   |
|                         | Sound Warning                 | Yes  |
|                         | Motion Detection Sensitivity  | Low / Medium / High  |
|                         | Warmlight                     | Light warning will be triggered, when human movement is detected   |
|                         | Siren                         | Siren warning will be triggered, when human movement is detected   |
| <b>Recording</b>        | Event Alert Notification      | Optional Battery Life / Surveillance / Uninterrupted Recording   |
|                         | Recording Type                | If Battery status >80% than it is record continues, if battery status <50% then record only Event  |
|                         | Continues Recording           | Normal and Event depends on Recording mode of camera   |
|                         | Playback                      | Yes  |
| <b>Environment</b>      | Cloud Recording               | Yes  |
|                         | Operating Temperature         | 0 °C to +50 °C (32 °F to +122 °F)  |
|                         | Operating Humidity            | ≤ 95%  |
|                         | Storage Temperature           | 0 °C to +50 °C (32 °F to +122 °F)  |
|                         | Storage Humidity              | ≤ 95%  |
| <b>Port</b>             | Protection                    | IP66 Water Proof, Lightning protection, Anti-surge   |
|                         | SIM Card                      | Yes  |
|                         | SD Card                       | Yes  |
|                         | Type C Port                   | Yes  |
| Reset Button            | Yes                           |  |

