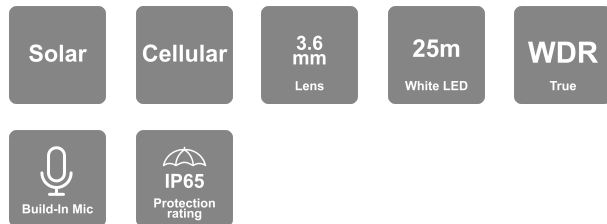


# SOL1-240ADSRN-36

## 4MP Solar Powered Camera DDA Analytics Fixed Lens Medium Bullet Camera



### MAIN FEATURES

- SOL1-240ADSRN-36
- Sensor: 1 / 1.8" CMOS
- Resolution: 2560 × 1440 12FPS
- Lens: 3.6mm (92°) 24/7 Full-Color Day Mode
- Illumination: 2 High-Power White LED: Full power: 20m or Low power: 10m + Red/Blue Strobe lights
- Compression: H.265 / H.264 / H.265+ / H.264+ / MJPEG (Substream only)
- General Analytics: Camera Tampering
- AI (Object Recognition): DDA Sterile Area, DDA Line Crossing
- True WDR (120dB), BLC, HLC, ROI
- SD Card: Event/Schedule Record (Up to 256GB)
- ONVIF: Supports simultaneous monitoring of up to 3 users with multi-stream real-time transmission
- Water Proof: IP67
- Weight: 16.9KG (without LFP battery); Approx. 20.65 KG (with LFP battery)
- Power: Power Consumption: < 5W Lower Power Mode: 3.5 W (4G working) Power Supply: 12 VDC ± 25% 60 W ± 2Watt On Solar panels
- Mobile Communication: Micro SIM, LTE-TDD: Band 38/39/40/41; LTE-FDD: Band 1/2/3/4/5/7/8/12/13/18/19/20/25/26/28 WCDMA: Band 1/5/8 GSM: Band 2/3/5/8



## SPECIFICATIONS

| 3rd Party Cyber Protection |                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------|
| General                    | Quantum IoT Nano agent by Check Point™                                                            |
| Protection Methods         | Shell injection protection, File Monitor, Import-Table Protection, Dynamic-Memory Protection      |
| NDAA Compliant             |                                                                                                   |
| NDAA Compliant             | Yes                                                                                               |
| Video                      |                                                                                                   |
| Image Sensor               | 1 / 1.8" CMOS                                                                                     |
| Effective Pixels           | 2560 × 1440                                                                                       |
| Day & Night                | 24/7 Full-Color Day Mode                                                                          |
| Min. Illumination          | Day: 0.000625lux / Night: 0.003lux (@F1.0, AGC on) 0lux with Led on                               |
| Audio                      |                                                                                                   |
| Audio compression          | G.711A/G.711U                                                                                     |
| Communication              | Two-Way Audio                                                                                     |
| Image                      |                                                                                                   |
| Image Settings             | AWB, AGC Adjustable, Exposure Mode (Auto) Sharpness, Saturation, Brightness & Contrast Adjustable |
| Image Enhancement          | True WDR (120dB), BLC, HLC, ROI                                                                   |
| Noise Reduction            | 3D-DNR                                                                                            |
| Image Orientation          | Mirror/Flip                                                                                       |
| Privacy Zone               | Yes                                                                                               |
| Events and Analytics       |                                                                                                   |
| Motion Detection           | Yes                                                                                               |
| Analytics                  | General Analytics: Camera Tampering AI (Object Recognition); DDA Sterile Area, DDA Line Crossing  |
| Detect                     | 62 m (203 ft)                                                                                     |
| Recognize                  | 12 m (39 ft)                                                                                      |

|                                |                                                                                                                                 |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Identify</b>                | 6 m (19 ft)                                                                                                                     |
| <b>PIR (Passive Infra Red)</b> |                                                                                                                                 |
| <b>PIR Angle</b>               | Horizontal: 82° Vertical: 50°                                                                                                   |
| <b>PIR Range</b>               | Up to 15m                                                                                                                       |
| <b>Compression</b>             |                                                                                                                                 |
| <b>Frame Rate</b>              | 1-12 FPS                                                                                                                        |
| <b>Video Compression</b>       | H.265 / H.264 / H.265+ / H.264+ / MJPEG (Sub-stream only)                                                                       |
| <b>Resolution</b>              | 4MP / 2K / 3MP / 2MP / 1MP / D1 / QVGA / CIF                                                                                    |
| <b>Multi-Stream</b>            | Master Stream: 4MP(2560x1440) / 3MP / 2MP / 1MP Substream: 1MP / D1 / CIF / QCIF Third Stream: D1 / CIF / QCIF (1~12fps)        |
| <b>Bit Rate</b>                | 64Kbps ~ 7Mbps@H.265 / 64Kbps ~ 8Mbps@H.264                                                                                     |
| <b>Encode Mode</b>             | VBR/CBR                                                                                                                         |
| <b>Image Quality</b>           | Five levels under VBR; Free adjustment under CBR                                                                                |
| <b>Lens</b>                    |                                                                                                                                 |
| <b>Lens (Field of View)</b>    | 3.6mm (92°)                                                                                                                     |
| <b>Water Protection</b>        | Yes                                                                                                                             |
| <b>Iris</b>                    | Fixed Iris                                                                                                                      |
| <b>Network</b>                 |                                                                                                                                 |
| <b>Wiegand</b>                 | N/A                                                                                                                             |
| <b>Remote Monitoring</b>       | IE Browsing (Plug-In required), Chrome/Edge/Safari/Firefox plug-in free browsing, Ossia VMS Software, Provision Cam2 Mobile App |
| <b>User Access</b>             | Supports simultaneous monitoring of up to 3 users with multi-stream real-time transmission                                      |
| <b>Network Protocol</b>        | IPv4, IPv6, TCP, UDP, DHCP, NTP, DDNS, 802.1X, RTSP, Multicast, UPnP, Email, FTP, HTTPS, QoS, HTTP POST, Auto Report, P2P       |
| <b>ONVIF</b>                   | Profile T/S/G                                                                                                                   |
| <b>Ethernet</b>                | 100Mbps                                                                                                                         |

| Mobile Communication            |                                                                                                                                                                                                                                                                 |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SIM Card Type</b>            | Micro Sim                                                                                                                                                                                                                                                       |
| <b>Mobile Network Frequency</b> | LTE-TDD: Band 38/39/40/41; LTE-FDD: Band 1/2/3/4/5/7/8/12/13/18/19/20/25/26/28 WCDMA: Band 1/5/8 GSM: Band 2/3/5/8                                                                                                                                              |
| Connectivity                    |                                                                                                                                                                                                                                                                 |
| <b>Network</b>                  | RJ45                                                                                                                                                                                                                                                            |
| <b>Power</b>                    | DC Socket Solar panels                                                                                                                                                                                                                                          |
| <b>Analog Video Output</b>      | No                                                                                                                                                                                                                                                              |
| <b>Audio Connectivity</b>       | Built-in Microphone and Speaker (101±3dB)                                                                                                                                                                                                                       |
| <b>SD Card</b>                  | Event/Schedule based Main/Substream recording (Up to 256GB)                                                                                                                                                                                                     |
| <b>Alarm</b>                    | No                                                                                                                                                                                                                                                              |
| Housing                         |                                                                                                                                                                                                                                                                 |
| <b>Illumination</b>             | 2 High-Power White LED: Full power: 20m Low power: 10m Red/Blue Strobe lights                                                                                                                                                                                   |
| <b>Protection Rate</b>          | Water Proof: IP67                                                                                                                                                                                                                                               |
| <b>Bracket</b>                  | 3-Axis Bracket Angle Adjustment: Pan: 0°~360°; Tilt:-60°~10°                                                                                                                                                                                                    |
| <b>Dimensions</b>               | 85 x 610 x 620                                                                                                                                                                                                                                                  |
| <b>Weight (gross)</b>           | 16.9KG (without LFP battery); Approx. 20.65 KG (with LFP battery)                                                                                                                                                                                               |
| <b>Hard Reset Button</b>        | Yes                                                                                                                                                                                                                                                             |
| <b>PoE</b>                      | No                                                                                                                                                                                                                                                              |
| <b>Power Supply</b>             | Power Consumption: < 5W Lower Power Mode: 3.5 W (4G working) Power Supply: 12 VDC ± 25% 60 W ±2Watt On Solar panels                                                                                                                                             |
| <b>Battery</b>                  | Battery Type: LFP battery (lithium iron phosphate battery) Capacity: 24Ah Battery Voltage: 12.8V Operating Temperature: Charging: -20 °C to 45 °C (-4 °F to 113 °F) Discharging: -20 °C to 60 °C (-4 °F to 140 °F) Battery Life: More than 2000 charging cycles |
| <b>Work Environment</b>         | -30°C~60°C, ~95% Or less Humidity                                                                                                                                                                                                                               |