

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 25/30FPS
- 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: IP65
- 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



<https://provision-isr.com>

SPECIFICATIONS

3rd Party Cyber Protection	
General	N/A
Protection Methods	N/A
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	One-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)

Identify	6 m (19 ft)
Compression	
Frame Rate	1-12 FPS
Video Compression	H.265 / H.264 / H.265+ / H.264+ / MJPEG (Sub-stream only)
Resolution	4MP / 2K / 3MP / 2MP / 1MP / D1 / QVGA / CIF
Multi-Stream	Master Stream: 4MP(2560x1440) / 3MP / 2MP / 1MP Substream: 1MP / D1 / CIF / QCIF Third Stream: D1 / CIF / QCIF (1~30fps)
Bit Rate	64Kbps ~ 7Mbps@H.265 / 64Kbps ~ 8Mbps@H.264
Encode Mode	VBR/CBR
Image Quality	Five levels under VBR; Free adjustment under CBR
Lens	
Lens (Field of View)	3.6mm (92°)
Water Protection	No
Iris	Fixed Iris
Network	
Wiegand	N/A
Remote Monitoring	IE Browsing (Plug-In required), Chrome/Edge/Safari/Firefox plug-in free browsing, Ossia VMS Software, Provision Cam2 Mobile App
User Access	Supports simultaneous monitoring of up to 3 users with multi-stream real-time transmission
Network Protocol	IPv4, IPv6, TCP, UDP, DHCP, NTP, DDNS, 802.1X, RTSP, Multicast, UPnP, Email, FTP, HTTPS, QoS, HTTP POST, Auto Report, P2P
ONVIF	Profile T/S/G
Ethernet	100Mbps
Connectivity	
Network	RJ45 (+PoE)
Power	DC Socket Solar panels

Analog Video Output	No
Audio Connectivity	Built-in Microphone and Speaker
SD Card	Event/Schedule based Main/Substream recording (Up to 256GB)
Alarm	No

Housing	
Illumination	2 High-Power White LED: Full power: 20m Low power: 10m Red/Blue Strobe lights
Protection Rate	Water Proof: IP65
Bracket	3-Axis Bracket Angle Adjustment: Pan: 0°~360°; Tilt:-60°~10°
Dimensions	85 x 610 x 620
Weight (gross)	16.9KG (without LFP battery); Approx. 20.65 KG (with LFP battery)
Hard Reset Button	Yes
PoE	No
Power Supply	Power Consumption: < 5W Lower Power Mode: 3.5 W (4G working) Power Supply: 12 VDC ± 25% 60 W ±2Watt On Solar panels
Battery	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 cycles
Work Environment	-30°C~60°C, ~95% Or less Humidity

PIR (Passive Infra Red)	
PIR Angle	Horizontal: 82° Vertical: 50°
PIR Range	Up to 15m

Mobile Communication	
SIM Card Type	Micro Sim
Mobile Network Frequency	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