LINOVISION

GO SOLO PT4

Commercial Solar Power Camera KIT

Outstanding Features

- Innovative 3-in-1 solar panel design, with built-in battery and foldable bracket, super easy to install
- 444Wh high capacity lithium battery to keep system running around 72 hrs in raining days
- Cellular wireless connection (Verizon, AT&T and T-Mobile)
- Megapixels Quad HD with 24/7 color image
- Pan / Tilt movement and 16x digital zoom
- Two way talk with built-in microphone and speake
- Human and vehicle targets classification based on deep learning, with linked audible and visual alarm
- 24x7 video recording for the past 30 days (vary by the recording settings)
- Onboard 256GB storage for one month continuous recording
- Free mobile App for both Android & iOS (App name: Guarding Vision)

What is included in this camera:

- 80W Solar panel and pole mount bracket
- 444Wh lithium battery with built-in charge controller
- One 4MP PT Dome camera (PTZ-M4)
- Built-in 4G LTE cellular router (SIM card needs to purchase separately)
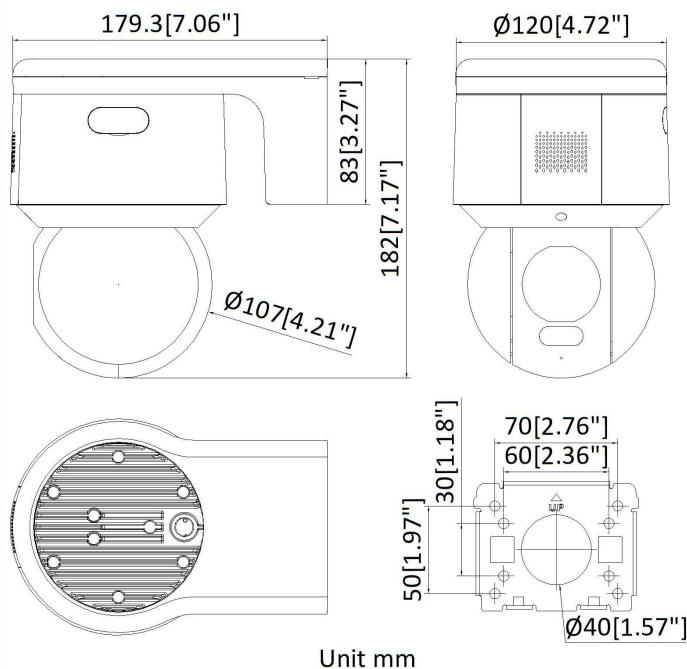- 256GB SD Card

Camera Specification

Camera	
Image Sensor	1/1.8" progressive scan CMOS
Max. Resolution	2560 × 1440
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON); 0 Lux with white light
Shutter Time	1/1 to 1/30,000 s
Zoom	16x digital
Day & Night	24/7 colorful imaging
Lens	
FOV	Horizontal field of view: 88.7°
	Vertical field of view: 46.5°
	Diagonal field of view: 105.0
Focal Length	4 mm
Aperture	F1.0
Illuminator	
Supplement Light Type	White Light
Supplement Light Range	White Light Distance: up to 30 m
PTZ	
Movement Range (Pan)	350°
Movement Range (Tilt	0° to 90°
Pan Speed	Pan speed: configurable from 0.1° to 60°/s; preset speed: 60°/s
Tilt Speed	Tilt speed: configurable from 0.1° to 50°/s, preset speed 50°/s
Proportional Pan	Yes
Presets	300
Power-off Memory	Yes
Park Action	Preset, patrol sca
3D Positioning	Yes
Preset Freezing	Yes
Scheduled Task	Preset, patrol scan, dome reboot, dome adjust, aux outp
Vedio	
Main Stream	50 Hz: 25 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720);
	60 Hz: 30 fps (2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (704 × 576, 640 × 480, 352 × 288);
	60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)
Third Stream	50Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288);
	60Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Video Compression	Main stream: H.265+/H.265/H.264+/H.264
	Sub-stream: H.265/H.264/MJPEG
	Third stream: H.265/H.264/MJPEG
Scalable Video Coding (SVC)	H.264 and H.265 encodin
Region of Interest (ROI)	8 fixed regions for each stream
Audio	
Audio Compression	G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, AAC, PC
Environment Noise Filtering	YES
Network	
Network Storage	NAS (NFS, SMB/ CIFS)
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, QoS, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE,Bonjour, Websocket, Websockets
API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK, ISUP
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users. 3 levels: Administrator, Operator and Us
Security	Authenticated username and password, MAC address binding, HTTPS encryption, 802.1X authenticated access, IP address filter
Web Browser	IE 10+, Chrome 57+, Firefox 52+, Safari 12+
Image	
Image Parameters Switch	Yes
Image Settings	Saturation, brightness, contrast, sharpness, gain, and white balance adjustable by client software or web brow
Day/Night Switch	Day, Night, Auto, Schedule
Wide Dynamic Range (WDR)	120 dB WDR
SNR	> 52 dB
Image Enhancement	BLC, HLC, 3D DNR
Defog	Digital defog
Regional Exposure	Yes
Privacy Mask	Up to 24 masks (8 masks for each scene

Specification

Interface	
On-Board Storage	Built-in memory card slot, support MicroSD/SDHC/SDXC, up to 512 G
Built-in Microphone	Yes
Power Output	12 VDC; < 60 mA
Ethernet Interface	1 RJ45 10 M/100 M Ethernet interface; PoE (802.3at)
Built-in Speaker	1 built-in speaker
Audio	1 input (line in), max. input amplitude: 2-2.4 vpp, input impedance: 1 KΩ ± 10%; 1 output (line out), line level, output impedance: 600 Ω
Alarm	1 input, 1 output
RS-485	1 RS-485 (Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Reset	Yes
Event	
Basic Event	Video tampering alarm, motion detection, alarm input, alarm output, exceptio
Smart Event	Line crossing detection, region entrance detection, unattended baggage detection, object removal detection, intrusion detection, region exiting detection, audio exception detectio
Alarm Linkage	Preset, memory card video recording, alarm output, sending email, notify surveillance center, upload to FTP, audible warning, white light flashing
Deep Learning Function	
Face Capture	Detects up to 5 faces simultaneously. Supports detecting, capturing, grading, selecting of face in motion, and outputs the best face picture
Perimeter Protection	Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle)
General	
Power	12 VDC, 3.33 A & PoE (802.3at), 42.5 to 57 VDC, 0.6 A Max. 14 W (including max. 4 W for white light
General Function	Mirror, password protection, watermark, IP address filte
Operating Condition	Humidity: ≤ 90%, temperature: -22°F to 149°F(-30°C to 65°C)
Dimension	7.06" × 4.72" × 7.71" (179.3 mm × 120 mm × 182 mm)
Demist	Yes
Weight	Approx. 2.48 lb.(1.125 kg)
Approval	
Protection	IP66; 6000 V Lightning Protection, Surge Protection and Voltage Transient Protectio

Dimension

179.3[7.06"] Ø120[4.72"]

83[3.27"] 182[7.17"] Ø107[4.21"]

30[1.18"] 70[2.76"] 60[2.36"] 50[1.97"] Ø40[1.57"]

Unit mm

4G LTE Router Specification

4G LTE Bands	US Version: B2/B4/B5/B12/B13/B14/B66/B71@FDD LTE (For North America, AT&T, T-Mobile, Verizon)
	EU Version: B1/B3/B5/B7/B8/B20/B28A@FDD LTE (For European Countries)
	AU Version: B1/B2/B3/B4/B5/B7/B8/B28@FDD LTE, B40@TDD LTE (For Australia)

Solar system Specification

SKU	Solar-S1240P80
Battery Type	Lithium Solar Battery (Li-ion Battery) with built-in charge controller
Nominal Voltage	11.1V
Rated Capacity	40Ah
Energy	444Wh
Charge Voltage Cut-off	12.6V
Maximum Continuous Charge Current	10A
Discharge Under-Voltage Protection	9V
Solar Panel Type	Monocrystalline solar panels, 36 cells
Maximum Power at STC	80W
Optimum Operating Voltage (Vmp)	16.36V
Open-Circuit Voltage (Voc)	19.03V
Optimum Operating Current (Imp)	4.89A
Short-Circuit Current (Isc)	5.16A
Operating Temperature	-4℉ to 149℉(-20℃ to 65℃)
Panel Leads (Pair)	14 AWG (1.96 ft)
Weight	23.36lbs(10.6kg)
Dimension	20.86 × 32.08 × 3.74 ″(530*815*95mm)
IP Rating	IP66