TURING

TURING SOLARSHIELD

All-In-One Outdoor Solar Video Surveillance

LS-KG2-STD-3Y

KEY FEATURES

- ✓ Easy rapid deployment
- ✓ NEMA enclosure System
- ✓ Smart Security, powered by Turing Vision Cloud
- ✓ Fully Equipped for all your security needs with Varifocal Zoom Cloud Cameras
- ✓ Built-in 4G/LTE router with remote network management
- ✓ Remote management (Battery Status, Battery Reboot.etc)
- ✓ Optional IP Speaker add-on

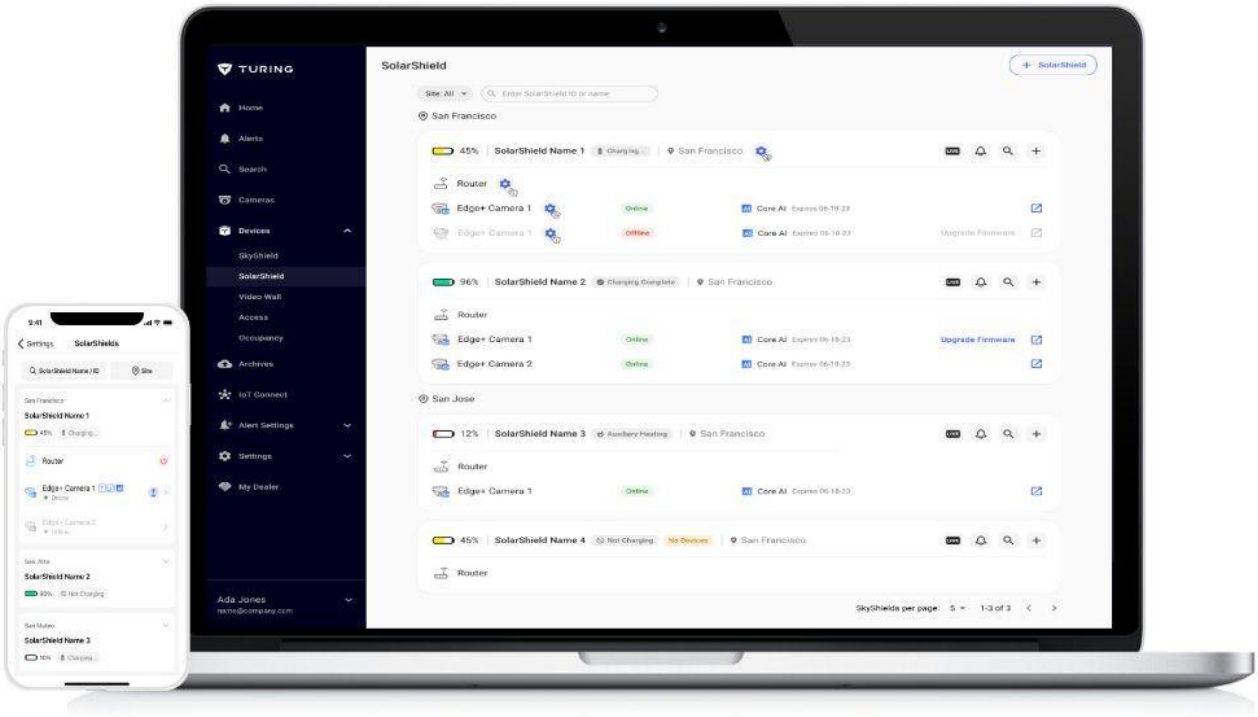
SIM Carriers Supported

AT&T T-Mobile verizon FIRSTNET Built with AT&T

sales@turingvideo.com | 877.730.8222 | turing.ai

24/7 SECURITY POWER BY AI

LS-KG2-STD-3Y



KEY FEATURES	
✓	Remote Power management including battery reboot and router reboot
✓	Remote status monitoring including charging status, battery status and router status
✓	Support Time Lapse video creation on the cloud
✓	Receive Instant Smart Alerts for Intruders/Trespassers/Person of Interest/Vehicle of Interest via SMS/Email/Push Notifications
✓	Remote Live Stream Monitoring
✓	Share Live Camera Streams With First Responders
✓	Find Events Fast with Smart Video Search and Archive/Share for Future Reference
✓	View Live Footage From any Desktop / Mobile Device
✓	Flexible Hybrid Storage Locally or on the Cloud

SPECIFICATIONS

LS-KG2-STD-3Y

GENERAL	
Dimensions (LxWxH)	Integrated Bracket: 605 × 485 x 265mm Solar Module: TL-S90W: 1000*516*35mm
Weight	54lbs (without camera)
Working Environment	Outdoor: -30°C~+ 60°C (-22°F~+140°F)
Rating	NEMA3R

POWER	
Standard Output Power	**TL-S90W:** 90W/18V (two included)
	Power/Voltage: 90W/18V
Power Interface	Integrated Bracket & Smart Controller, Solar Module and Smart Battery

BATTERY	
Battery Type	Lithium
Capacity	900 Wh
Working Voltage	9~12.6V
Working Current	10A Max
Operating Temperatures	-30℃ to 60℃ (-22 ℉ to 140℉)

Heat	
Heat	Smart battery module, supports intelligent auxiliary heating, adapts to extreme cold weather

CAMERA (EVC5ZB)	
Sensor	1/2.8" 5MP 16:9 Progressive Scan CMOS
Lens	2.7-13.5mm zoom lens; F1.6~F3.1
Field of View	H: 106~32°; V: 55~18°; D: 129~37°
Manual Angle Adjustment	Tilt: 0°~90°; Rotate: 0°~180°
Electronic Shutter	1/32000 - 1/5 sec
Minimum Illumination	0.005 LUX @ F1.6
Day / Night	MIRC Filter
IR Range	IR LED: Up to 98 ft (30m)
IR Wavelength	850nm
Wide Dynamic Range	120 dB wide dynamic range (WDR); 2D & 3D digital noise reduction

NETWORK(Cellular)	
Standard and Band	LTE FDD: B1/B3/B5/B7/B8/B20/B28 B1/B2/B3/B4/B5/B7/B8/B28 (Optional), B2/B4/B5/B12/B13/B17/B66/B71 (Optional) LTE TDD: B38/B39/B40/B41 HSPA+/HSUPA/HSDPA/WCDMA/UMTS 2100/1900/900/850MHz EV-DO: BC0 CDMA 1x: BC0 EDGE/GPRS/GSM 850/900/1800/1900MHz
Antenna Interface	Cellular: 2 * Standard SMA female antenna interface, characteristic impedance: 50 Ω
SIM/UIM Slot	Standard drawer-type user card interface

LOCAL VIDEO STORAGE	
Onboard Storage	256GB, up to 30 days* *Actual retention period may vary based on scene complexity and activity

VIDEO & AUDIO	
Video Compression	H.265/H.264 w/ smart encoding; MJPEG;
Resolution & Frame Rate	Main Stream: 2880*1620 up to 30 FPS Sub Stream: 1280*720 up to 30 FPS
Image Flip & Rotation	Normal / Vertical / Horizontal / 180° / 90° Clockwise / 90° Counterclockwise
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/ Locked/Auto2
Audio	Microphone, Line In/Line Out; G.711/G.726

OPTIONAL ACCESSORIES

*not included, order separately

LS-KG2-STD-3Y

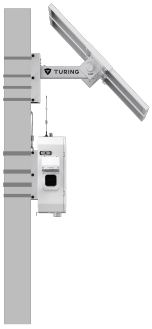
TA-P1833

Solar Charger Bracket (TA-SCB)
(Used for optional dual DC/Solar power input)

Mount Options / Typical Application

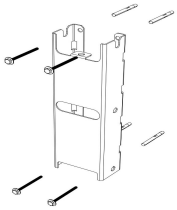
MOUNT OPTIONS Pole Mount

3.9 into 11.8 in dia Stainless Steel Adjustable Clamp x4 (Included)



MOUNT OPTIONS Wall Mount

M8 x 80
(Not included in Product)



Typical Application

Turing products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION

Level	Description
Top-level protection	Turing products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more
Moderate protection	Turing products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 1 mile away from coastlines, as well as areas affected by acid rain.
No specific protection	Turing products at this level are equipped for use in areas where no specific anti-corrosion protection is needed