TURING

TURING SOLARSHIELD MAX

Extended-Power Solar Security Platform with Cloud AI 5G Connection

LS-KG3-MAX-STD-3Y-5G



KEY FEATURES

- ✓ Rapid, plug-and-play deployment anywhere
- ✓ Powered by Turing Vision Cloud for intelligent security
- ✓ Built-in 5G/LTE router with remote network management
- ✓ Real-time remote monitoring & control
- ✓ 2 kWh battery system and tri 100 W solar panels for multi-day uptime

Note: Cameras are not included

SIM Carriers Supported

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

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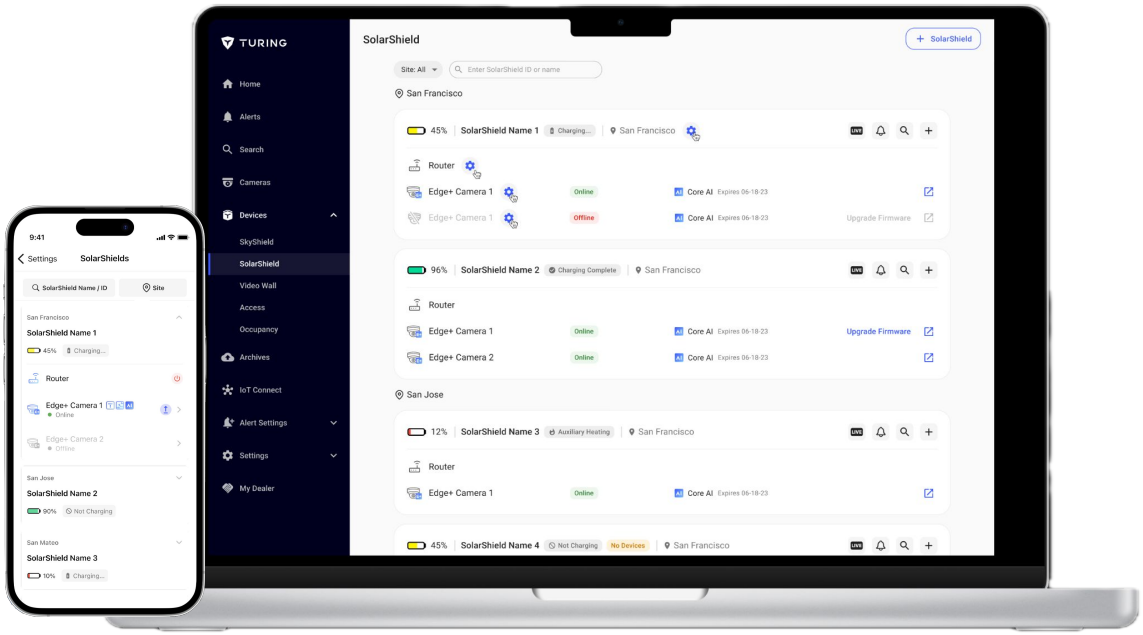
24/7 SECURITY POWER BY AI

LS-KG3-MAX-STD-3Y-5G



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-KG3-MAX-STD-3Y-5G

GENERAL	
Dimensions (LxWxH)	Large Waterproof Case: LS-KG3-EGEN-XL: 19.7”×23.8”×12.6” Solar Panel Span (3 panels total): 69.84” × 34.06” × 1.18”
Weight	Large Waterproof Case: 48.5 lbs Battery: 58.2 lbs total Solar Panels: 39.0 lbs total Rack + Back Plate: 47.4 lbs Total upon assembling: 193.1 lbs
Working Environment	Outdoor: -30°C~+ 60°C (-22°F~+140°F)
Rating	IP65

Solar Panel	
Solar Panel Included	100wx 3 Monocrystalline Solar Panel(RSP100DC-G1-US)
Frame	Anodized Aluminium Alloy

BATTERY	
Battery Type	Lithium
Capacity	100Ah x 2
Working Voltage	8-12V
Working Current	15A
Operating Temperatures	-30℃ to 60℃ (-22 ℉ to 140℉)

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

NETWORK(Cellular)	
Standard and Band	Standard 4G and 5G brand supported
Antenna Interface	Cellular: 2 * Standard SMA female antenna interface, characteristic impedance: 50 Ω
SIM/UIM Slot	Standard drawer-type user card interface

Mount Options

MOUNT OPTIONS Pole Mount



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

Pole mounting is mechanically compatible with 3.9–11.8 in diameter poles. The supporting pole and foundation must be verified to accommodate the additional equipment weight and solar-panel wind load based on mounting height, local design wind speed, and site exposure. Lower pole placement is recommended where practical.

For single-pole installations, a pole diameter of 6 inches or greater is suggested as a general guideline, subject to site-specific conditions.

Smooth, painted, or otherwise low-friction pole surfaces may require additional anti-slip measures or alternative mounting methods to resist sliding or rotation.

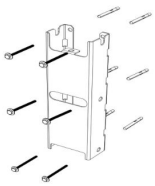
The installer should verify that the selected mounting method is suitable for the pole and anticipated equipment and wind loads. **Site-specific recommendations from the pole manufacturer or a qualified structural engineer should take precedence over this general guidance.



MOUNT OPTIONS Wall Mount

M8 x 80mm x 6
(Not included in Product)

Wall mounting must be secured to a structurally sound concrete, masonry, or structural framing surface using properly rated anchors, with the wall and mounting hardware verified to support the full equipment weight and applicable wind load; installation on non-structural surfaces is not recommended.







Disclaimer: Due to the system's weight and wind load, install only on a structurally rated pole or wall with properly sized anchors/foundation and verify site suitability with a qualified engineer; Turing is not liable for failures caused by inadequate support or improper installation.

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