Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

SPK-TSS-10X300P-1XPTZ-4XMP-1200AL-M1

Temporary Security System Kit - (10) Panels, (30) Li-ion Batteries, (5) Cameras, (1) NVR, (2) Charge Contr. - 4G/LTE

Product ID: 273540

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

SPK-TSS-10X300P-1XPTZ-4XMP-1200AL-M1 Temporary Surveillance System

Solar/Battery Specs

Panels: (10) 300 Watt panels
Method of Deployment: Temporary Solar Panel Frames - up to 30° Adjustment
System Voltage: -
Solar Charge Controllers: (2) 60A MPPT
Battery Bank: (30) 40aH Lithium-ion Batteries
Battery Capacity: 1200aH Total / 1200aH Usable
Control Boxes: (2)
Battery/Control Box Mount: Hanger Mount
Wiring: 50' Cord Between Control Box and Panels, 100' Cable from Control Box to Cameras

Bullet Camera Specs

Unit Type: Bullet Security Camera
Camera Qty: (4)
Single-camera Dimensions: 2.625” H x 6.0” D
Single-camera Weight: 1.1 lbs
Single-camera Watts: 10.5W (Maximum w/ IR On)
Voltage: 12V DC

Quick Summary

Temporary Security System
Sim Card Not Included
Weatherproof Network Cable
Weatherproof Network Cable Connectors

PoE: 802.3af

Image Sensor: CMOS

Connectors: Ethernet, Power
Megapixels: 6MP
Min. Illumination: 0.01 Lux (F2.0, AGC On), 0 Lux w/ IR
Shutter Speed: 1/3 ~ 1/10,000
Lens: 4mm Fixed, Manual Focus Lens
Angle of View: 83° (Horizontal)
Day/Night: ICR
Video Framerate: 20 fps @ 2688 x 1520

Language: English

Ambient Temperature Range: -22°F ~ 140°F
Housing Materials: Aluminum w/ Plastic Sun Shield
Mounting: Adjustable Magnetic Mount - Pivot/Swivel w/ (1) 100lb Rated Magnet per Camera

Color: White

PTZ Camera Specs
Camera Type: PTZ Security Camera
Camera Qty: (1)

Dimensions: 14.38" H x 7.12" D

Watts: 25.5 (Max)

Voltage: 24V AC (PoE - 802.3at)

Image Sensor: CMOS

Connectors: 1.0Vp-p, 75 Ohm, BNC

Effective Pixels: 4 MP, 2560 x 1440 Resolution
Min. Illumination: 0.02 Lux @ F1.6 AGC On, 0 Lux w/ IR
Electronic Shutter: 1 ~ 1/10,000s
Lens: 4.8-120mm Varifocal Lens
Angle of View: 59.5° (Wide) ~ 2.6° (Tele)
Optical Zoom: 25x
Day/Night: ICR
IR Distance: 492` (850 nm)
Video Framerate: 2560 x 1440 @ 30fps
Video Offload: MP4
Video Output: (1) BNC

Language: English

Ambient Temperature Range: -22°F to 149°F

Housing Materials: Aluminum

Lens Material: Polycarbonate

Mounting: Magnetic Wall or Ceiling Mount - (2) 100 lb Rated Magnets

Color: Beige/Black

Network Video Recorder Specs
Storage Capacity: 2 TB SATA Hard Drive
Channels: 8
Camera Resolution Support: Up to 8 MP
Installation Type: Plug and Play
Incoming/Outgoing Bit Rate: : 40 Mbps/80 Mbps
Frame Rate (fps): 60 fps per Channel
Recording Modes: Continuous, Schedule, Event, Motion Detection and VCA
Export Format: MP4
Video Outputs: (1) RCA, (1) VGA, (1) HDMI, (1) USB 2.0 (Front), (1) USB 3.0 (Rear)
PoE: = 120W, Supported Standards- 802.3af and 802.3at
Alarm Input: 4x (Rear Panel), Camera Dependent
Alarm Output: 1x (Rear Panel), Camera Dependent
Protocols: IPv4, TCP/IP, UDP, HTTP, UPnP, RTSP/RTP/RTCP, SMTP, FTP, DHCP, NTP, DNS, ONVIF, HTTP Multipart
Materials: Aluminum

Connectivity Specs
Router Type: 4G LTE/3G CDMA+GSM
Sim Card: Not Included

Special Orders - Special Requirements
Contact us for special requirements

Intl: 1-903-270-1187
Toll Free: 1-800-369-6671
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

System Dimensions: -

System Weight: -

The Larson Electronics SPK-TSS-10X300P-1XPTZ-4XMP-1200AL-M1 Temporary Security System Kit provides a safe and effective way for operators to monitor remote areas, buildings and outdoor work sites. This package features ten 300-watt solar panels, a 1200aH capacity lithium-ion battery bank, four bullet cameras, one PTZ camera, 2TB NVR and a 4G LTE router. Mounting components for the solar panels and cameras (magnetic mounts) are included with the system.

The SPK-TSS-10X300P-1XPTZ-4XMP-1200AL-M1 is a complete, temporary surveillance system for outdoor and remote locations. This unit consists of ten 300-watt solar panels on temporary solar frames, lithium-ion battery bank, solar charge MPPT controllers, four bullet cameras, one PTZ camera, 2TB NVR and battery/control boxes.

Operation:

- (10) 300W solar panels on temporary solar panel frames
- (30) 40aH lithium-ion batteries - 1200aH total battery bank/1200aH usable
- (4) Bullet cameras w/ magnetic mount
- (1) PTZ security camera w/ magnetic mount (wall or ceiling)
- 2TB network video recorder
- 4G LTE system
- (2) 60A Charge controllers
- Wiring cables
- (2) Control boxes

Bullet Cameras: Four bullet security cameras provide operators with crisp, high resolution images in industrial work sites. This lightweight unit operates on 12V DC, with optional PoE (802.3af). A 4mm fixed, manual-focus wide angle lens with 83° field of view offers comprehensive monitoring in large areas. Integrated long-range IR LEDs enable the camera to see distances up to 65` in dark locations. True WDR and 3D-DNR help boost image quality during low-light conditions. Operators can setup and integrate alarms to serve as notifications with the unit. This 6MP camera measures a compact 2.625” H x 6.0” D.

The cutting-edge security device is constructed of aluminum for reliable operation at the industrial facility. A plastic sun shield protects the unit from persistent UV rays during daytime monitoring. This IP66-rated weatherproof unit resists the negative effects of non-corrosive liquids. The IP camera is capable of operating in temperatures between -22°F - 140°F. Each bullet camera is equipped with a 100lb rated magnet for temporary mounting on the side of metal buildings, metal square poles or other ferrous surfaces. After installation, operators can pivot/swivel the units toward preferred areas.

PTZ Camera: One PTZ camera provides operators with crisp 2560 x 1440 resolution images. A 4.8-120mm varifocal lens automatically adjusts focus, providing operators with precise 25x optical zoom levels. Integrated long-range IR LEDs, with a wavelength measurement of 850 nm, enable the day/night camera to see distances up to 492` under nighttime conditions. This unit offloads videos in MP4 format and features H.264, H.264+, H.265, and H.265+ video compression. The PTZ camera measures a compact 14.38" x 7.12".

The IP security camera is designed to perform in outdoor locations and rainy conditions. This IP66-rated unit resists the negative effects of non-corrosive liquids. De-fogging features enable the unit to operate in rainy and foggy conditions. This device is capable of operating in temperatures between -22°F and 149°F. This PTZ camera is equipped with two 100lb rated magnets for temporary wall or ceiling mounting.

Our cameras with Power over Ethernet (PoE) features enable data transfers and power to be passed through a single Ethernet cable that is usually a Cat 3/Cat 5 cable or better. There are several types of PoE, which come with their own

respective standard and maximum power to port capabilities. The IEEE 802.3af PoE standard, with a voltage range of 44.0 - 57.0V, offers 15.4W of DC power for each port. The IEEE 802.3at PoE standard, with a voltage range of 50.0 – 57.0V, provides up to 30W of DC power per port, which is ideal for surveillance cameras, antennas and network access points. The IEEE 802.3bt PoE standard, with a voltage range of 50.0 – 57.0V, provides 60W of DC power for each port. In order to utilize PoE properly, the components, such as the receiving unit and sending device, must be PoE compliant.

Network Video Recorder: This solar security assembly comes with a 2TB, 8-channel network video recorder. Installation only takes minutes via plug-and-play, which automatically detects, displays and configures system components. With multiple recording modes (Schedule, Continuous, Motion Detection and Event), users could capture hours of footage with ease. The remote configurable network recorder features a bit rate of 40Mbps incoming and 80Mbps outgoing at up to 60fps per channel. To maximize storage, the unit supports H.265, H.264, and H.264 OVC video compression. The network recorder is compatible with two-way audio streaming (camera dependent) and includes 9 ethernet ports (RJ-45 interface). During recording, the unit handles the following data: activity log, email notification, event log, event notification, video analytics and event search. This device offloads videos in MP4 format.

Router/Wireless 4G Hotspot: A 4G LTE/3G CDMA+GSM router is available for remote viewing live feeds or recordings of the site. The sim card is not included with the system.

Solar Panel Assembly: This package is comprised of ten, 300-watt solar panels. Each panel is secured to a temporary frame for mounting, which offers up to 30° adjustability to capture the intensity of the sun for optimized light intake. The frame can be bolted on surfaces, such as the top of buildings.

Batteries: The solar unit contains a battery bank that consists of thirty, 40aH lithium-ion batteries for a 1200aH battery bank (1200aH usable). Compared to conventional SLA batteries, these units are 100% usable and lighter in weight. Over time, this results in lower operating and maintenance costs.

Solar Charge Controller: The solar-powered kit features two 60A MPPT solar charge controllers.

Control Box/Wiring: The SPK-TSS-10X300P-1XPTZ-4XMP-1200AL-M1 comes with two control boxes for holding various system components and batteries. The control boxes are compatible with hanger mounting installations. An included 50` cord is available for wiring connections between the control box and panels. A 100` cable is also included for wiring between the control box and outdoor cameras.

Applications: Security, monitoring, live events, outdoor surveillance, remote locations and more.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

Frequently Asked Questions (FAQ)

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364



X1

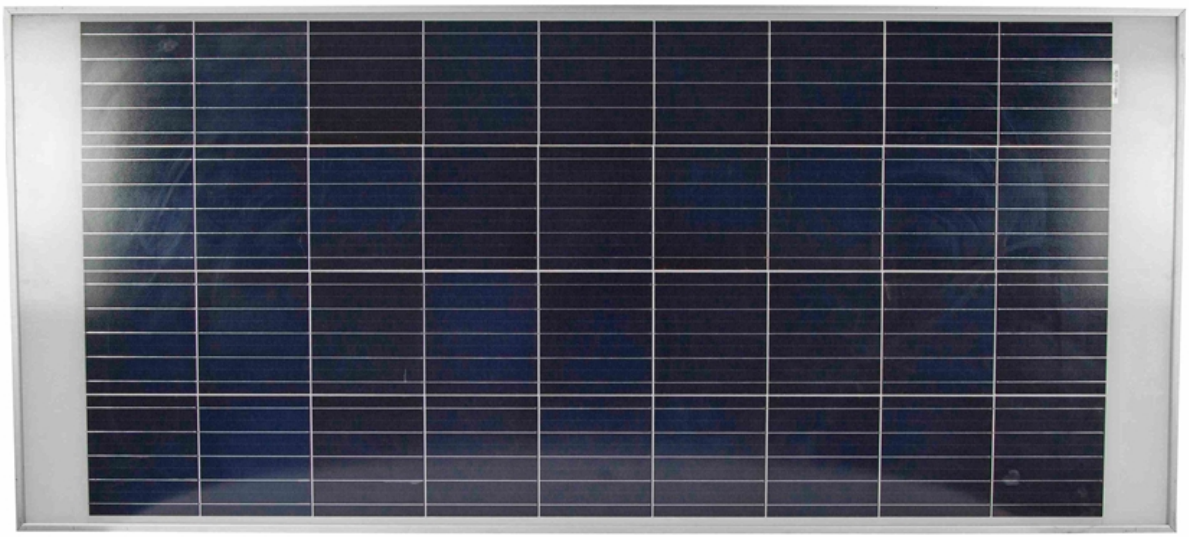

X4
LARSON
ELECTRONICS


LARSON
ELECTRONICS
NVR-WM-POE-8CH-2TB-N1
A11

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

X?



Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

SPK-TSS-10X300P-1XPTZ-4XMP-1200AL-M1

Product ID: 273540

Export Control Classification Number (ECCN): EAR99

Options:

SPK-TSS-10X300P-1XPTZ-4XMP-1200AL-M1-PTZ Camera Mount

Example: SPK-TSS-10X300P-1XPTZ-4XMP-1200AL-M1-WL

PTZ Camera Mount	
WALL	-WL
CEILING	-CL

Links (Click on the below items to view):

- **Catalog Page - Product Series**
- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **HigResPic5**
- **Video1**
- **Video2**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**