

Mobile Video Detection System for Remote Areas

The SightLogix® Video Security Trailer™ (VST) is an autonomous intelligent video security platform that can be deployed to any location for long-range perimeter and buffer zone surveillance. The VST is designed for high probability of intruder detection with low nuisance alarms in a wide range of operating environments. Eliminating the need for power or signal infrastructure support provides the flexibility for deploying accurate outdoor perimeter security WHERE needed, WHEN needed.

The VST is a turnkey GPS-based video security system equipped with one or two Thermal SightSensor® detection cameras mounted on electronic pan/tilt positioning units, multiple solar panels, backup batteries, and optional wireless communications. The portable VST can be remotely configured, operated, and monitored. The VST draws little power and works reliably with solar power in practically all locations around the world.



On-Demand, Portable Security

The heavy-duty galvanized VST trailer platform is ideal for situations where installation infrastructure is either missing, expensive, cannot be installed in time or when surveillance is required for temporary or long-term use. With the VST, two people can quickly deploy and set up an automated video intrusion detection system within 30 minutes, in most situations.

Long-Range Outdoor Detection

The VST's SightSensor intelligent video cameras are designed for accurate intrusion detection over large outdoor areas. Each SightSensor incorporates a thermal imager, lens optics, electronic stabilization, on-board image processing, video analytics software, camera control, and geospatial target tracking, all sealed inside a ruggedized NEMA 4X nitrogen-purged housing.

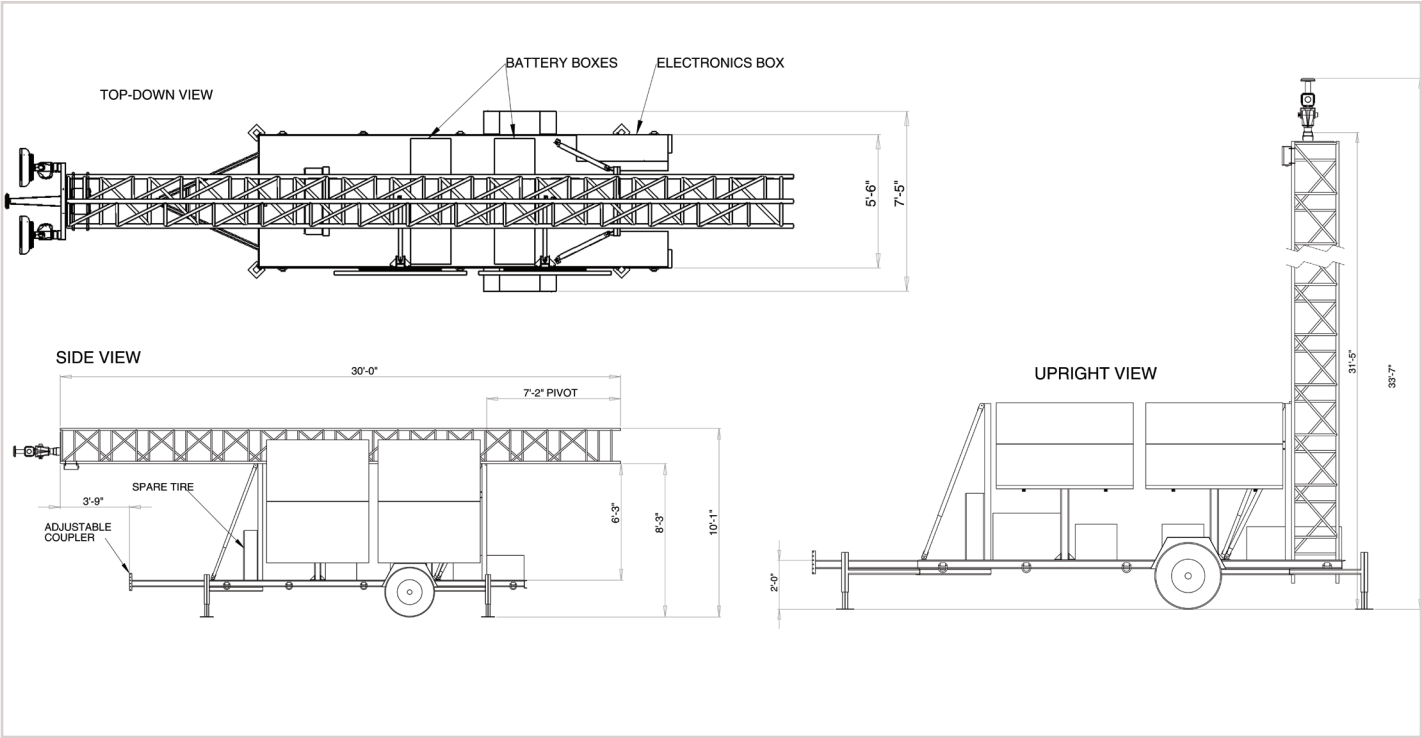
Ordering Information

Thermal VST	Description
SL-VST-NS100-X	Video Security Trailer. Includes one or two SL-SS-NS100 Thermal SightSensors, towable mobile trailer with 30 foot tower, deep-cycle batteries, solar panels, battery charger, Pan-Tilt Unit(s) for sensor positioning, includes mount and pre-wiring for wireless subscriber unit & antenna provided by others.
SL-VST-NS200-X	Video Security Trailer. Includes one or two SL-SS-NS200 Thermal SightSensors, towable mobile trailer with 30 foot tower, deep-cycle batteries, solar panels, battery charger, Pan-Tilt Unit(s) for sensor positioning, includes mount and pre-wiring for wireless subscriber unit & antenna provided by others.
SL-VST-NS300-X	Video Security Trailer. Includes one or two SL-SS-NS300 Thermal SightSensors, towable mobile trailer with 30 foot tower, deep-cycle batteries, solar panels, battery charger, Pan-Tilt Unit(s) for sensor positioning, includes mount and pre-wiring for wireless subscriber unit & antenna provided by others.
SL-VST-NS400-X	Video Security Trailer. Includes one or two SL-SS-NS400 Thermal SightSensors, towable mobile trailer with 30 foot tower, deep-cycle batteries, solar panels, battery charger, Pan-Tilt Unit(s) for sensor positioning, includes mount and pre-wiring for wireless subscriber unit & antenna provided by others.
SL-VST-NS800-X	Video Security Trailer. Includes one or two SL-SS-NS800 Thermal SightSensors, towable mobile trailer with 30 foot tower, deep-cycle batteries, solar panels, battery charger, Pan-Tilt Unit(s) for sensor positioning, includes mount and pre-wiring for wireless subscriber unit & antenna provided by others.
Replace the "X" (last digit of the part number) with "1" for single SightSensor VST or "2" for dual SightSensor VST. Contact SightLogix for Visible SightSensor options.	

Specifications

Imager	
Thermal SightSensor	<p>Long-wave infrared (LWIR) un-cooled microbolometer, (8-14 μm). Various lens choices available.</p> <p>Detects inbound vehicle-sized objects up to 1,600 meters and pedestrian-sized objects at distances up to 660 meters.</p> <p>Refer to the <i>SightLogix Thermal SightSensor Datasheet</i> for more details.</p>
VST Electrical	
Power	60 watts nominal. Solar and battery capable. 120V AC charger included.
Voltage:	24 VDC +/- 10% 12V accessory outlet at VST base
Solar Power	Four (4) 225W photovoltaic modules included
Battery:	Sixteen 6 VDC deep cycle batteries. 305 A-H each
Battery Life	Continuous operation under typical sun conditions; one week battery life under no-sun conditions. Solar insolation factor: 2
Backup Power	Diesel and fuel cell options. Contact SightLogix for details.

VST Dimensions and Specs	
Standards	Meets all US federal and state DOT trailer requirements
Hitch	2 5/16 inch ball coupler; 7000 lb capacity
Weight	4400 lbs (1996 kg)
Transportation	<p>Entire assembly can be lowered to a horizontal position for transportation.</p> <p>Mast extends past hitch 3' 9" at 8' 3" above the ground.</p>
Dimensions (transportation)	Length: 30' 4" Width: 7' 5" Height: 10' 4" See dimension drawing below.
Dimensions (extended)	Length: 21' 2" Width: 9' 2" Height: 33' 5" (camera height: 32") See dimension drawing below.
Mast	Height: 30' aluminum triangular truss. Can be secured in horizontal position for transportation.
Operating Temperature	-40° to +70°C (-40° to +158°F). (Note: When positioning the Pan Tilt unit, temperature must be above -30°C / -22°F)



Specifications are subject to change without notice.
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