

## Street Sentry

(Models: SSN)



Low cost self-contained LPR camera system capable of bringing Leonardo's world class data analytics to the market.

- **Self-contained LPR**
  - Solar Powered
  - Cellular Communication
- **Low Power consumption**
  - Low power Linux processor
  - Motion Detection
  - Video Clips-5-8 frames/record
- **Post processing**
  - Customer Server
  - Hosted solution
- **No Existing Infrastructure required**
  - New or existing pole (provided pole optional)
  - No power needed
- **Low Cost**

ELSAG is a product of Selex ES, Inc. a Leonardo Company

4221 Tudor Lane  
Greensboro, NC 27410 USA  
Tel +1 877 773 5724  
Fax + 1 336 379 7164

7 Sutton Place  
Brewster, NY 10509 USA  
Tel +1 845 278 5425  
[info@elsag.com](mailto:info@elsag.com)



## Street Sentry Specifications:

System Specification	Description
<b>Camera</b>	
• <b>Camera Sensor</b>	Color CMOS (1/1.9) image sensor, 1.6MP-1440 x 1080pixel, global shutter
• <b>Optics interface</b>	S-mount
• <b>Focal Length (Reading camera)</b>	25mm
• <b>Typical Camera Range</b>	25-35 ft. (7.5 - 10.5 M)
• <b>IR Illuminator</b>	740,850 LEDs available, driven with high current synchronized pulses
• <b>Processor</b>	quad-core Cortex-A72 (ARM v8) 64-bit SoC 1.5GHz, 8Gb RAM
• <b>Input Power</b>	12VDC @ 9watts
• <b>Housing</b>	Aluminum housing, acrylic front lens
• <b>Size</b>	4" w x 6" h x 4" d (101.6 x 152.4 x 101.6mm)
• <b>Weight</b>	4.2 lbs. (1.91kg.)
• <b>Certification</b>	IP67, IK10
<b>Solar Panel</b>	
• <b>Solar Panel</b>	160 Watt
• <b>Optimal Voltage</b>	18.6V
• <b>Size</b>	51.3" x 25.9" x 1.4" (1,303 x 657 x 35.5 mm)
• <b>Weight</b>	24.6lbs. (11.2 kg)
• <b>Mount</b>	Over the Pole "shown" ( side of pole also available)
<b>Battery Box</b>	
• <b>Enclosure</b>	Fiberglass enclosure w/ stainless hinges
• <b>Size</b>	14" x 16" x 8"
• <b>Weight</b>	19.5 lbs. (8.86 kg.) (batteries not included)
• <b>Housing Protection</b>	NEMA 3R (ventilated)
• <b>Cellular Modem</b>	DIGI WR11XT - LTE CAT1
• <b>Antenna</b>	No Ground Plane, Low Profile
• <b>Solar Charger</b>	20A 12VDC-
• <b>Battery Discharge monitor</b>	10.5VDC min discharge, system restart at 12VDC
<b>Battery</b>	
• <b>Type</b>	LiFePO4
• <b>Rating</b>	20AH (models SSN = 4ea.)
• <b>Size</b>	7.1" x 3" x 6.6" (180.34 x 76.167.6mm)
• <b>Weight</b>	5.8 lbs. (2.64 kg.) (models SSN x 4)
<b>Optional</b>	
• <b>Pole</b>	4.5" x 10ft. anodized aluminum