



SOLARBEAM
WIRELESS PERIMETER SECURITY

SOLARBEAM™ SLIMLINE SERIES TOWERS

GENERAL OVERVIEW

2019 R2

SLIMLINE SERIES SOLAR TOWER



The Slimline series provides a “stand-alone” solar tower platform designed to provide day-night and all-weather security in remote areas and extreme climates.

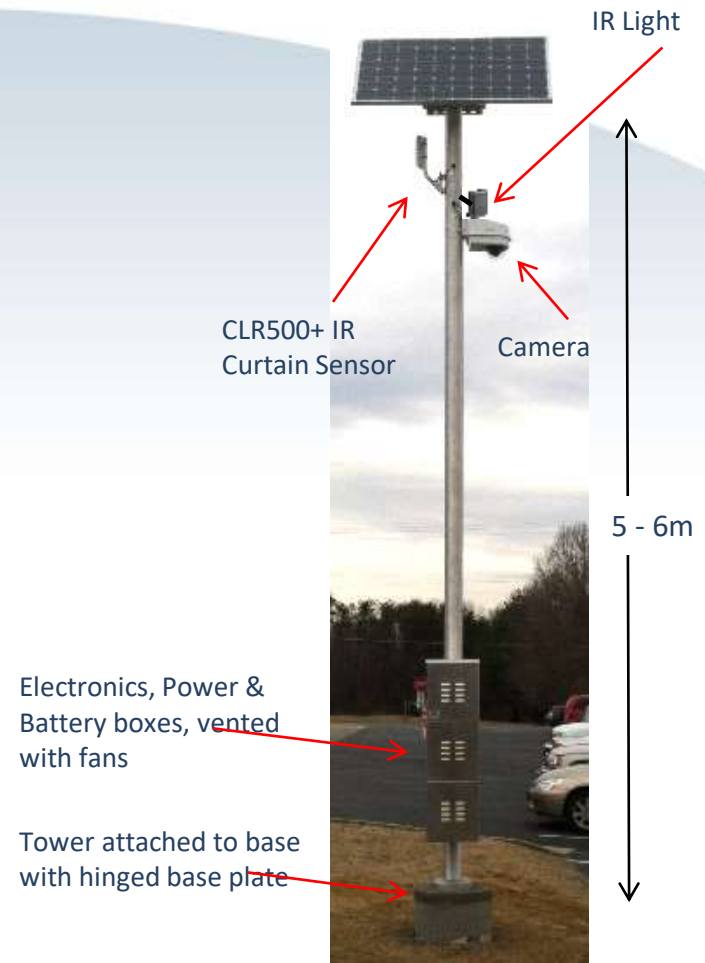
The Slimline series solar platform is adaptable to allow radar, cameras, IR beams, IR curtain sensors and other security sensors. High-output solar and battery technology combined with patented power management features allows use in remote and high-latitude scenarios - with extended non-solar operation provided by batteries. Both towers require only a simple mounting base and provide extreme capability and value.

Solarbeam – providing solutions when no one else can!

SOLAR PLATFORM FOR SECURITY SYSTEMS

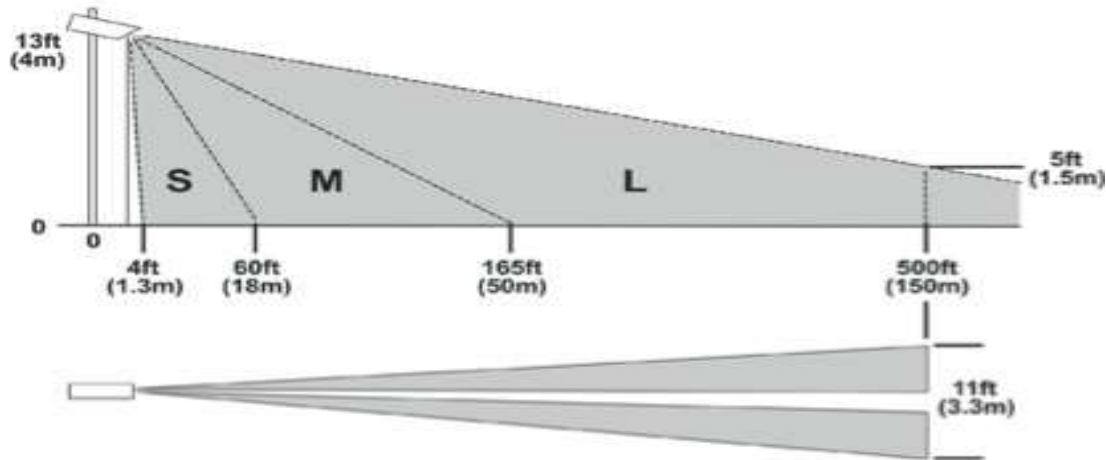
The Slimline series is a solar powered platform capable of supporting remote security sensors in all-weather, severe climates and both day and night operations.

- **Sensors:** Spotter Shield radar, PTZ cameras, thermal cameras, IR curtain sensors, IR beams, and cameras with IR illuminators
- **Modular Design (to include airport frangibility):** allows for flexible design for demanding scenarios and easy access to components
- **Solar Powered with 5+ days battery backup:** 12VDC, +200 AHr capacity varying with the sensors package
- **Tower Height:** 16'-20' with a hinged base for easy maintenance
- **Precast Concrete Base:** cement mounting base poured in-place and approx 25" dia x 40" deep, installed partially above ground
- **Detection (4 Poles/site):** efficient detection by combining two sensor technologies such as the IR curtain and analytic thermal camera from multiple overlapping poles or sites
- **Threat Detection Outside the Fence Line:** efficient design and planning allows for pre-emptive detection outside protected areas

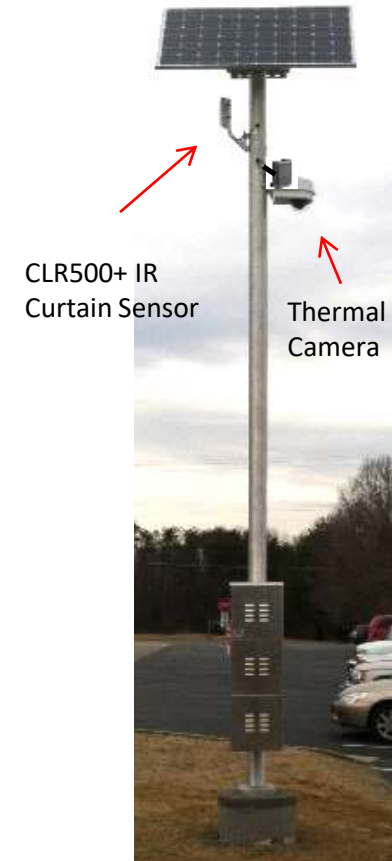


SLIMLINE WITH CURTAIN SENSOR

CLR500+



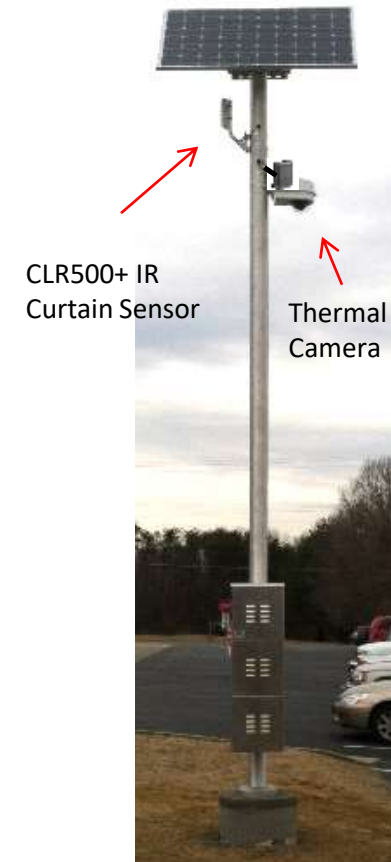
CLR500+ IR curtain sensor detection profile provides “curtain-like” linear perimeter protection and can be combined with thermal cameras to provide overlapping coverage of critical areas or pre-emptive, *outside-the-fence* capability



SLIMLINE WITH THERMAL CAMERA

BARRY ABOUT CAMERA

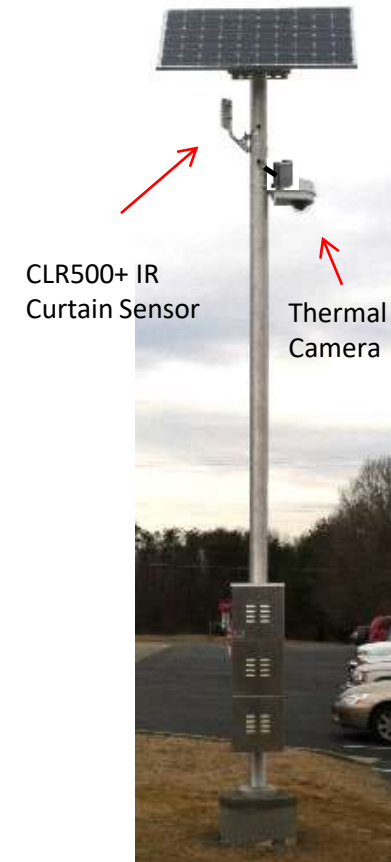
The (?) thermal camera (day/night) and tracking camera verifies perimeter alarm notifications an any whether condition. Perimeter protection and can be combined with thermal cameras to provide overlapping coverage of critical areas or pre-emptive, *outside-the-fence* capability



SLIMLINE WITH SPOTTER RADAR

BARRY ABOUT RADAR

The (?) thermal camera (day/night) and tracking camera verifies perimeter alarm notifications an any whether condition. Perimeter protection and can be combined with thermal cameras to provide overlapping coverage of critical areas or pre-emptive, *outside-the-fence* capability



SLIMLINE ENCLOSURES FOR CLASS 1 DIV 2

- High efficiency UL Listed, Class I Div II rated solar panels with 20+ year warranty
- Heavy-duty aluminum pole mounting structure with stainless steel hardware
- Solar array Class I Div II approved conduit wiring harness kit
- NEMA 3R durable powder-coated white aluminum battery control and component enclosure, lockable, includes sticker on inside door with specific Class I Div II certification
- Sealed gel cell, maintenance free, deep-cycle, non-spillable batteries, UL recognized
- Advanced PWM Charge Control, Class I Div II rated, with low voltage load protection and temperature compensated battery charging
- Room for expansion equipment – ample room to add your own Class I Div II rated SCADA, radio, GPS, telemetry, VSAT, Wi-Fi or other electronic equipment.
- CSA Approved Class I, Div. II hazardous location safety rating

