



SOLARBEAM
WIRELESS PERIMETER SECURITY

SOLARBEAM™ XTREME SERIES TOWERS

UTILIZING RADAR/CURTAIN SENSOR & CCTV

GENERAL OVERVIEW

2019 R2

XTREME SECURITY TOWERS & SYSTEMS



Xtreme series are rugged solar and battery powered stand-alone towers designed to provide day-night and all-weather security in remote areas and extreme climates.

They are superior platforms for radar, cameras, IR beams, IR curtains 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!

SOLARBEAM XTREME TOWER FEATURES

Sensor options for all-weather, day-night capability

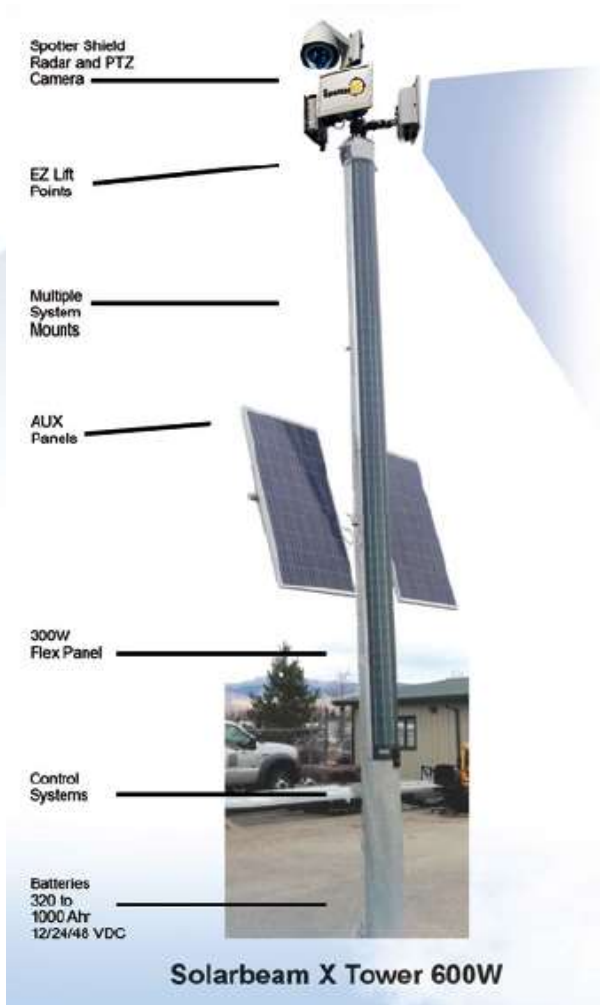
- Spotter RF Shield (off-the-shelf military technology)
- Radar directed PTZ camera tracking systems
- FLIR & thermal camera solutions
- Multiple sensor capability per tower

High Output Solar Power

- 20W – 600W continuous solar collection & charging
- 3 – 10 days non-solar replenished battery power

Rugged Design & Easily Installed

- Rapid deployment & easily re-locatable
- Rolled galvanized steel tower requires a base only
- Variable height options for sensors of 20'-25'
- Supports sensors in -35C to 55C temperatures
- Field tested sensors for maximum durability
- Superior stability for sensor & camera mounting



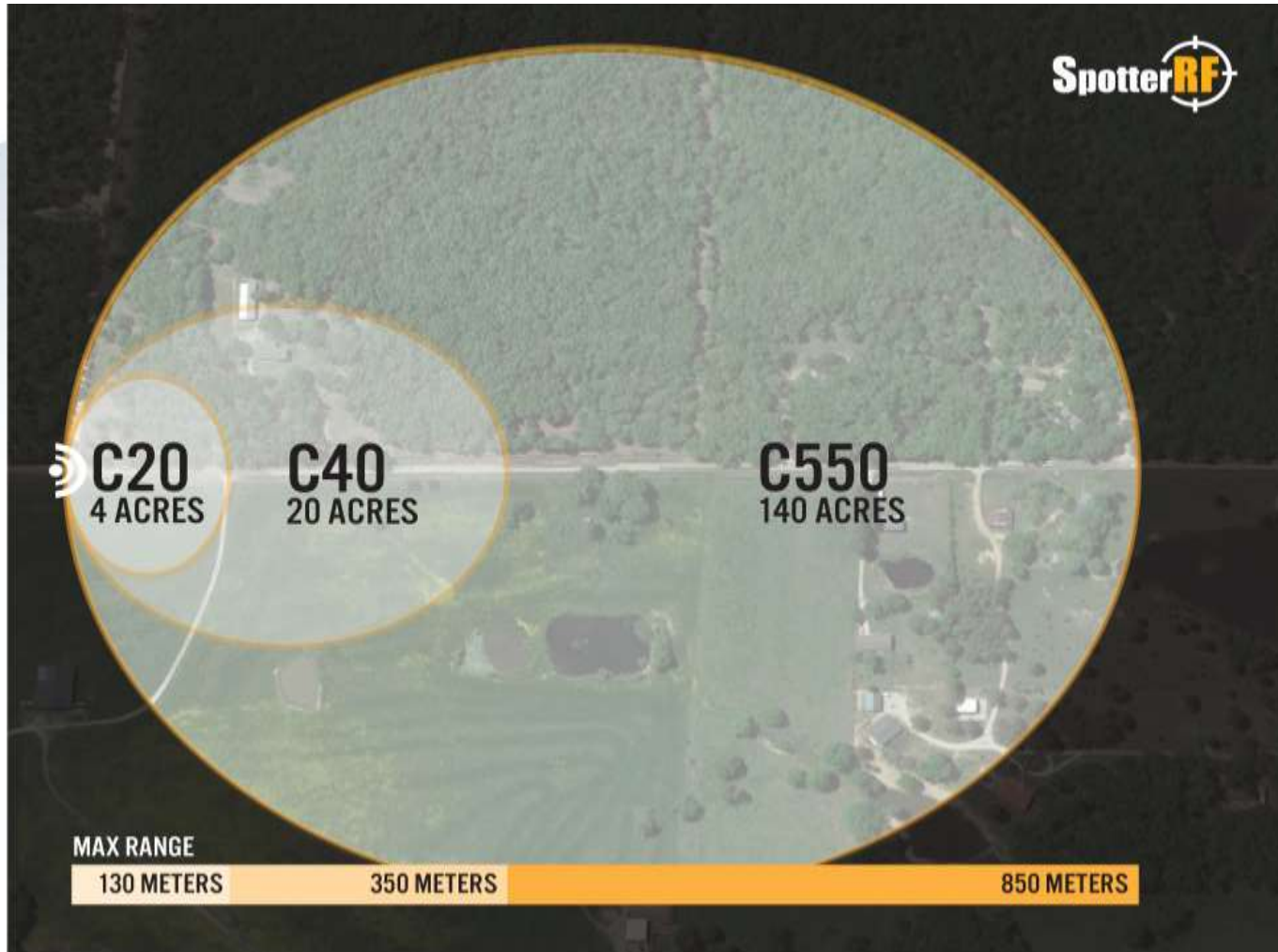
SOLARBEAM RADAR DETECTION & CAMERA



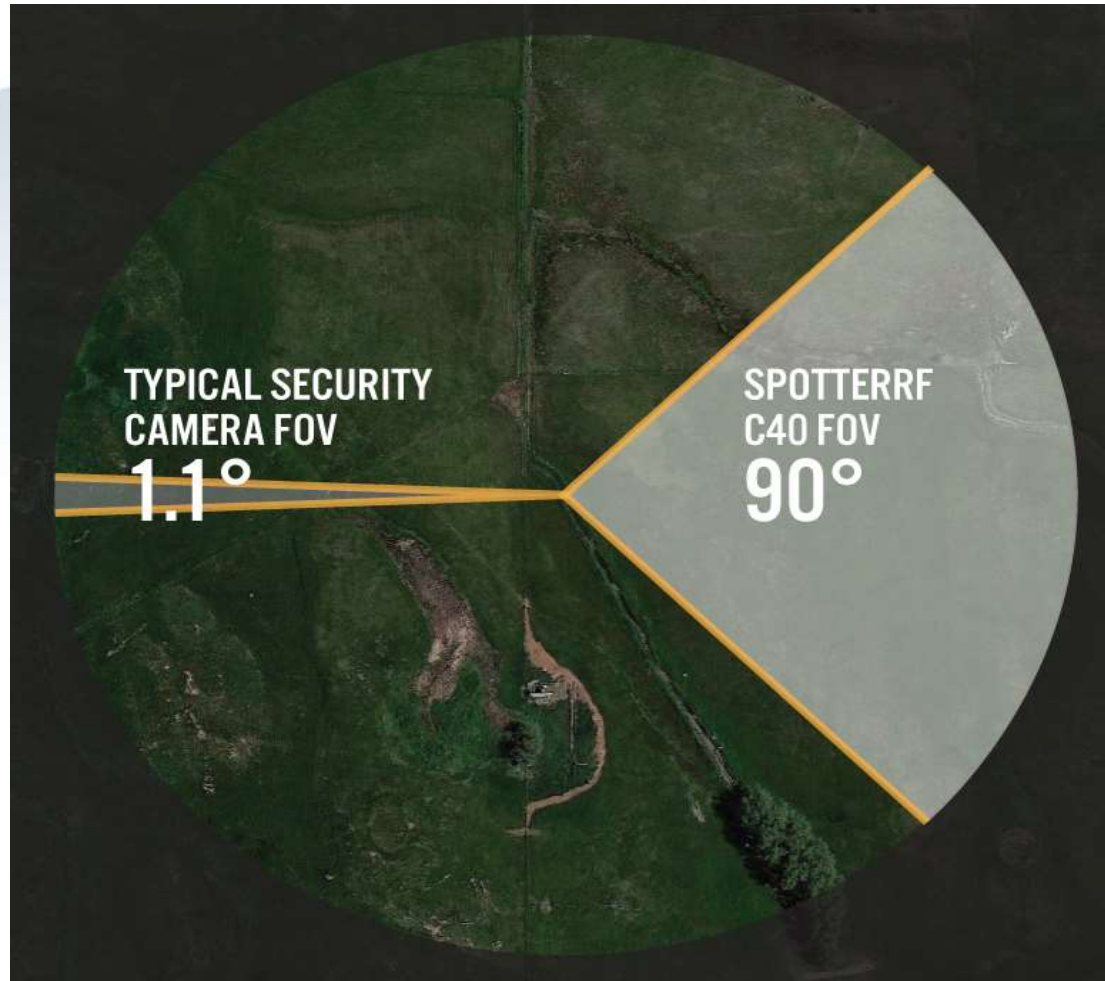
RADAR – Spotter Shield RF Detection

- Robotic, existing off-the-shelf military radar and camera technology
- Multiple radar & sensor capability per tower
- Radar Detection Range 300m – 1.25 km
- Radar volume 20 – 40 acres
- Radar-to-camera tracking “slew to cue”
- EO / thermal / FLIR verification at 350-500m
- Analytic camera solutions available
- Approved for -35°C to 55°C temperatures
- Suitable for uneven, rough terrain
- Web-user & cellular interface included

FOV: Spotter RF Radar Volume



FOV: Spotter RF vs Camera



Xtreme Tower Systems



Cost effective remote security

Completely autonomous operation

Optimized solar platforms

Proven radar & camera performance

Verification of perimeter alarms

Minimum environmental impact

EXTREME TOWER WITH CAMERA & CURTAIN BEAM SENSOR INSTALLATION



EXTREME TOWER CONTRACTORS



EXAMPLE OF RADAR SENSOR



WARRANTY

- Lifetime lightning warranty
- 5 years on tower body, lenses, & solar panel
- 5 years on IR Beam Sensor
- 3 years on batteries (years 1 & 2 at 100%)
- 3 years on internal electronics
- Service agreements available to include PM
- Best warranty in the industry