

MOBILE SENTRY

Mobile Threat Detection Solution

► Fully Self-Contained Surveillance Solution:

Includes Thermal Radar or Hydra, two (2) 300-watt solar panels and 250 Ah battery storage, hardened computer for Video Management System (VMS), network switch, relay modules (if required), cellular / Wi-Fi router, TPDIN remote monitor / control unit, and power supplies.

► Heavy-Duty Steel Trailer:

A robust and sturdy surveillance platform that can be easily moved from one location to another. Solution includes a hydraulic mast, hydraulic solar panels, extendable stabilizers, and an internal storage compartment.

► Flexible Solution:

Ability to add multiple options, such as a deterrent package (i.e., speaker, strobe light, LED lights), point-to-point communications, generator, and/or additional solar panels and batteries (up to four panels, 500 Ah battery storage).

The Mobile Sentry is the ideal solution for rapid deployment and 360° perimeter protection.



Detection Options



► Large Area Detection Capability:

Unlike an active radar system that emits radio waves, Thermal Radar is a passive system that can detect intruders in a continuous 360° perimeter, up to 500 meters in radius.



► Powerful Onboard Video Analytics:

Simple, easy-to-use, edge-based analytics allows users to quickly identify intrusions over the entire 360° field of view. The "quick setup" feature provides perimeter protection within just a few minutes of deployment.

► Patented GUI and Flexible Alert Platform:

An intuitive, patent-pending graphical user interface (GUI) affords end-users myriad options to customize each deployment environment. And, Thermal Radar can generate alerts through a VMS, via text or email, or be monitored in real time via a VMS mobile application.



HYDRA
POWERED BY THERMAL RADAR

► PTZ Integration:

Thermal Radar integrates with leading PTZ camera manufacturers.

► Detection and Targeted Surveillance:

Combines the unparalleled detection capabilities of Thermal Radar with a laser-illuminated and/or infrared capable Pan-Tilt-Zoom (PTZ) camera.

► Smart Surveillance:

Thermal Radar detects short- and long-range threats within a perimeter, then sends slew-to-cue commands to the PTZ for immediate optical confirmation and intelligence of the intruding target.



Mobile Sentry Technical Specifications



Heavy Duty Steel Trailer

Physical Dimensions

Material	Steel frame
Weight	2,100 lbs (953 kg)
Mast Height	Expandable from 17 - 27 ft (5.2 - 8.2m)
Dimensions	6'9" (W) X 12' (L) X 8'3" (H) (2 X 3.7 X 2.5m)

Communication

Antennas	Wi-Fi and Cellular
Point-to-Point	Network connection available

Internal Components

VMS PC	Hardened PC, Windows 10 Pro
Storage	512 GB OS, 1 TB Video Data
Components	Network Switch, Remote Power Monitor, Power Supplies, Custom Wiring, Relays (when required)

Power Supply and Batteries

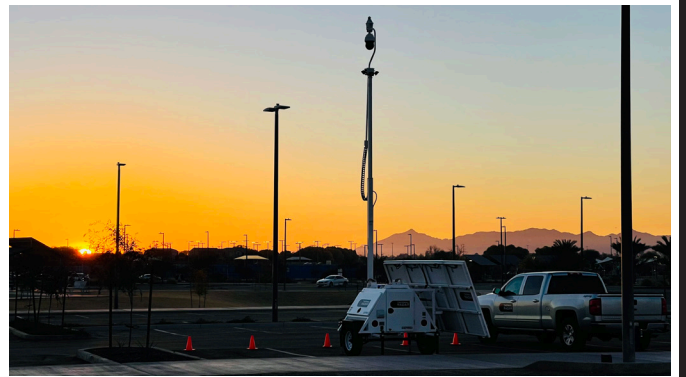
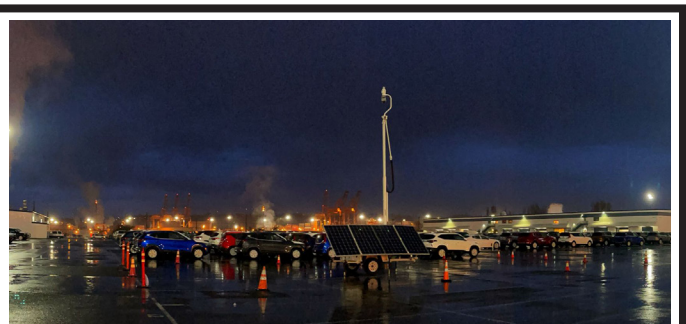
Solar Power	Two (2) 300-watt panels
Batteries	250 Ah, 24 VDC & 12 VDC
Solar Panel Actuation	Hydraulic

Compatibility

Thermal Radar	All Models
Hydra	All Models

Optional Accessories

Additional Solar Power	Two (2) 300-watt panels (total of 4)
Additional Batteries	250 Ah (total of 500 Ah)
Diesel Power	Internal diesel generator
Deterrent Package	LED lights, Strobe, Speaker, Relays



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