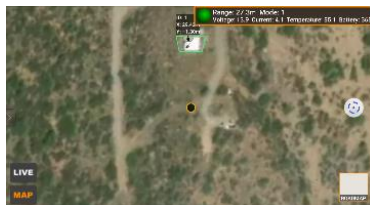


STORMS Vehicle Mount 1D

Part#VAWDSTW1DVM



Key Properties

The STORMS (Sense Through Obstruction Remote Monitoring System) is a radar that detects, tracks, and characterizes life forms behind walls of building and structures.

- Designed for operations locating individuals inside building structures; military, law enforcement, search and rescue, first responders
- Operable at Standoff ranges up to 300 meters
- Situational awareness from safe distances
- Penetrate most wall types such as brick, concrete, cement block, adobe
- Fast Operation, instant on and ready
- Displays down range distance or behind the wall distance of Life Form detections
- Custom Laptop Application GUI
- Real-Time Tracking and Monitoring
- Stationary & Moving Detections

Camera and Map GUI

View and track activity behind building walls on a display with views through a camera (with zoom) and maps with GPS or pre-loaded maps. The operator receives useful information such as range to the building, locations of the life-forms inside, GPS location, and map information.

Technical Specifications

Freq. Range:	3000 MHz to 6000 MHz (Tunable)
Freq. BW:	125 KHz (Typical)
Standoff Range:	Up to 300 meters
Dimensions:	18.6" x 34.3"
Weight:	80 lbs.
AZ Rotation:	360 Degrees
Elevation:	-15 to +90 Degrees
Software:	Custom Application for Laptop
GUI Display:	Camera and Map View
	18x Optical Zoom, Night Mode
Field of View:	12 Degrees (6dB BW)
Antenna:	Single Antenna
Antenna Gain:	25 dBi
Ant Beamwidth:	8 Degrees AZ/EL (3dB BW)
Range Extent:	8m (mode 1) and 17m (mode 2)
# of Detections:	3
Range-Finder:	Eye Safe Laser
Power:	24V
Connectivity:	Wi-Fi /Cellular



Important Notice

This datasheet contains typical information specific to products manufactured at the time of its publication.
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