

STORMS Handheld 2D
Part#VAWDSTW2DHHBA1



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.

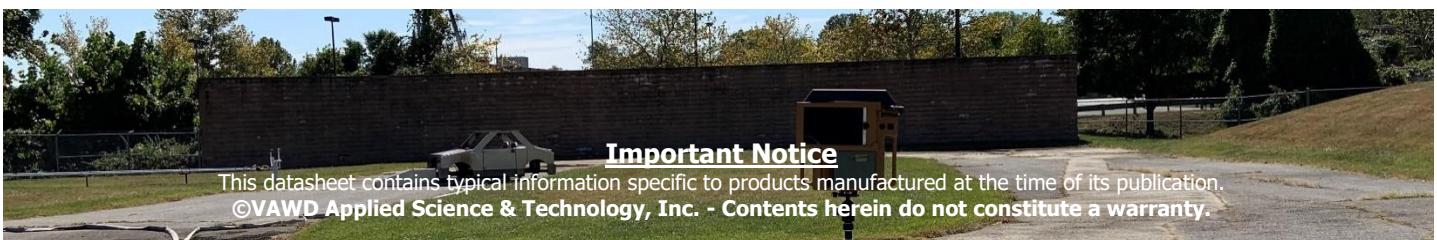
- Designed for operations locating individuals inside building structures; military, law enforcement, search and rescue, first responders
- Operable at Standoff ranges up to 100 meters
- Situational awareness from safe distances
- Penetrate most wall types such as brick, concrete, cement block, adobe
- Fast Operation, instant on and ready
- Displays down-range, cross-range, and behind the wall locations of Life Form detections
- Custom Android Application GUI, ATAK compatible
- Real-Time Tracking and Monitoring
- Stationary & Moving Detections
- Replaceable Antenna available for longer standoff distances

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 100 meters
Dimensions:	11.5" x 13.5" x 5.5"
Weight:	11 lbs.
Software:	Android with custom App
GUI Display:	1200x800 8in. color Display Camera and Map View 4x Optical lens plus device zoom
Field of View:	32 Degrees (6dB BW)
Antenna:	Dual Antenna
Antenna Gain:	16 dBi
Ant Beamwidth:	23 Degrees AZ/EL (3dB BW)
Range Extent:	8m (mode 1) and 17m (mode 2)
# of Detections:	3
Range-Finder:	Eye Safe Laser
Battery:	BA5590 (4 Hour Run-Time)
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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