

AEROSTAR TECHNICAL SOLUTIONS THE VISTA F10

ENHANCING SECURITY THROUGH PERSISTENT SURVEILLANCE

Time is your most critical asset in an operational environment. Our suite of radar systems provides precise and actionable intelligence, offering operators the needed time to make the correct decisions.

The Vista F10 is an intelligent sensor with exceptional capabilities. Utilized for its high performance and tactical size and weight, the Vista F10 is ideal for short-range missions. The Vista F10 is deployed on a variety of platforms and provides optimized tracking against difficult radar clutter conditions.

Our suite of radar systems can be controlled remotely, integrated with optical sensors and C2 systems, and operated from a diverse set of platforms such as vessels, towers, UAVs, vehicles, and aerostats, supporting 24/7, persistent wide-area monitoring.

Aerostar Technical Solutions offers a complete, high-performance radar solution, including integration and field support, at best value. By providing skilled team members to conduct safe and efficient operations on-site, our team ensures mission success through a comprehensive suite of support services.

Our suite of radar systems are trusted and deployed by the Department of Defense, the Department of Homeland Security, the U.S. Intelligence Community, and more.



MISSION POSSIBILITIES

- Defense
- Intelligence and Reconnaissance
- Infrastructure Security
- Disaster Response
- Incident Awareness and Assessment
- Drug and Smuggling Interdiction
- Force Protection
- Insurgent Activity Detection

AUTONOMOUS PERCEPTION SOLUTION



FEATURES

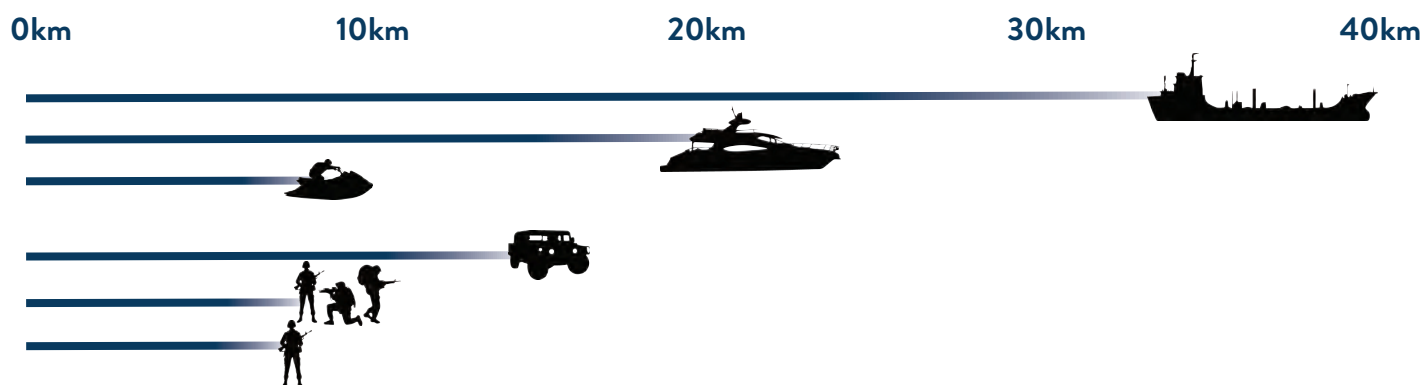
- All weather, 24/7 operations in high-clutter environments
- Land, maritime, and air tracking
- Fully adaptive with no operator adjustments
- Embedded status and control web application
- Unattended remote deployments
- Display of tracks from multiple sensor feeds and camera imagery
- Web-based fault system remote maintenance
- Continuous 360° automated wide-area tracking

INDUSTRY-SURPASSING INTELLIGENT TRACKING

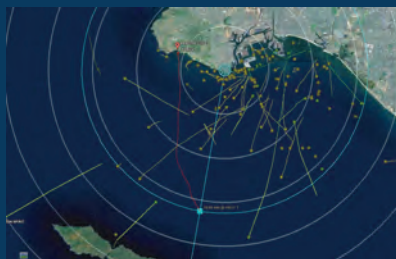
SPECS

- SYSTEM PERFORMANCE:
 - SINGLE WALKER OR SMALL BOAT: 8-10 km
 - VEHICLES OR MEDIUM BOATS: 15-20 km
 - LARGE BOATS: 20-40 km
- RANGE ACCURACY: 10m
- AZIMUTH ACCURACY: 0.4°
- OPERATING FREQUENCY: X Band (9.4 GHZ)
- PEAK TRANSMIT POWER: 10,000W
- AVERAGE TRANSMIT POWER: >5W
- ANTENNA GAIN: 23.5 dBi
- ANTENNA OPTIONS: 22 in.
- FALSE ALARM RATE: <1 per 6 hours
- SYSTEM WEIGHT (TOWER OR SHIP BASED): 55.5 lbs

RANGE



VSTORM



Aerostar Technical Solutions' Command and Control (C2) software, vStorm, centralizes the ability to acquire, process, correlate, and disseminate track information from multiple sensors in your operational network. This intuitive geographic information system (GIS) provides a reliable common operating picture through effective integration & data management.

Real-time analytics provide over three months of track history for immediate playback, allowing forensics capabilities for live threat assessment, examination, or offline analysis.

Additionally, vStorm supports camera slew-to-cue for directing imaging systems to threats and the export of track information to other C2 systems.

The commodities described herein are regulated by the International Traffic in Arms Regulation (ITAR), 22 C.F.R, Subchapter M, Parts 120-130 per Section 38 of the Arms Export Control Act, 22 U.S.C. 2778. Transfer of these commodities or associated technical data as defined by ITAR §120.10 by any means to a non-U.S. person, whether in the United States or abroad, without prior approval from the U.S. Department of State is strictly prohibited. A U.S. person is as defined in ITAR §120.15.

Aerostar Technical Solutions | 2231 Crystal Drive Suite 515, Crystal City, VA 22202
+1 (703) 920-2100 | aerosales@ravenind.com | ravenaerostar.com/vista

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