



HIPOINTER 100

SOLID STATE RADAR SOLUTION

- Autonomous perception
- Light weight
- Highly-mobile package
- Low power consumption

HiPointer 100 is the warfighter's radar perception tool of choice for a wide variety of missions. Advanced autonomous tracking algorithms and a compact form enable unmanned vehicle perception as well as advanced situational awareness on an array of platforms.

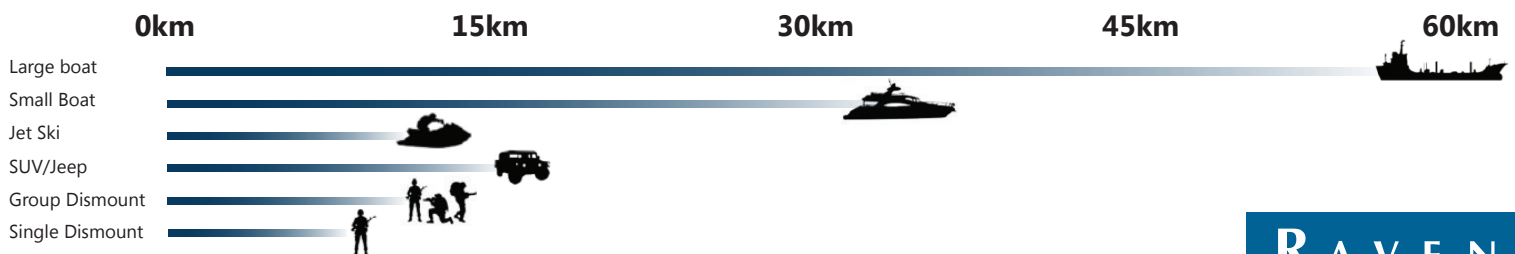
AEROSTAR TECHNICAL SOLUTIONS SUPPORTS YOUR MISSION:

MARITIME DOMAIN AWARENESS | ANTI-TERRORISM FORCE PROTECTION | BORDER SECURITY

BENEFITS:

- Man portable and easy to integrate
- Intuitive operator interface
- Fully adaptive with no operator adjustments
- Exceptional performance parameters
- Track Correlation with AIS, ADS+B
- Multiple pulse types tailored to application
- Remote system health monitoring
- Continuous 360° automated wide-area tracking
- Anti-jam protection
- Reduced Electromagnetic Interference (EMI)

RANGE:



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HIPOINTER 100

WE CONNECT, PROTECT, AND SAVE LIVES



SPECS:

- System Performance:
 - Small Boat / Troops 8 - 13 km
 - Medium Boats or Vehicles 15 - 35 km
 - Large Boats 40 - 55+ km
- Range Accuracy 10m
- Azimuth Accuracy 0.25°
- Operating Frequency X Band (9.4 GHz)
- Peak Transmit Power 100 W
- Average Transmit Power > 5 W
- Antenna Gain 25 dBi
- False Alarm Rate < 1 per 6 hours
- System Weight < 30 lbs
- Number of Tracks > 20,000 simultaneously
- Input Power 15 - 48 V DC
- Power Consumption (continuous) 150 W

MISSION POSSIBILITIES:

- Border security
- Perimeter defense and port security
- Intelligence, surveillance, and reconnaissance
- Infrastructure security
- Drug and smuggling interdiction
- Force protection
- Unmanned vessels



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 forensic 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.

Equipment described herein requires U.S. Government authorization for export purposes. Diversion contrary to U.S. law is prohibited, 22 C.F.R. Subchapter M, Parts 120-130 per Section 38 of the Arms Export Control Act, 22U.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.

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