

ELECTRONICS & DEFENSE



VAMPIR NG

3RD GENERATION NAVAL INFRARED SEARCH & TRACK

- Very long-range IRST
- Long-range identification
- Blue & shallow water operation
- Conventional & asymmetric threats

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3rd generation naval infrared search & track

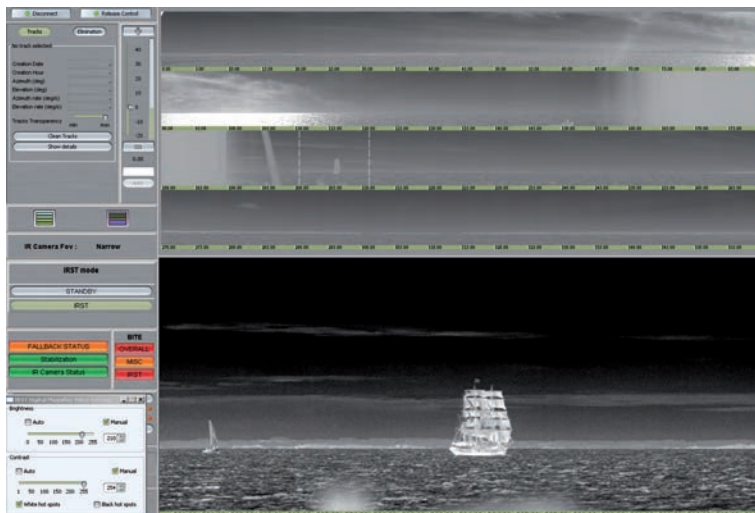
VAMPIR NG is a unique very long-range infrared search and track system. In addition to being the most widely sold equipment worldwide, this is the sole system in its category to effectively address the threats encountered by naval ships in both blue and shallow waters.

Modular, VAMPIR NG is an efficient and cost effective solution for self-protection against conventional and asymmetrical threats, from anti-ship sea-skimming missile, fighter aircraft and UAV to fast incoming craft including jet ski. As an integral part of the ship's combat system, VAMPIR NG provides a unique contribution to situation awareness.

- World's best selling naval IRST
- Very long-range
- Conventional and asymmetric threat detection

Key features

- Dual mode IRST (fully passive panoramic surveillance with automatic threat detection, tracking and reporting)
- State-of-the-art IR sensor
- Sea-proven image processing ensuring very low false alarm rate
- Fully remote controlled from CMS or supplied operator console
- Reduced acquisition and through life cost
- Easy installation and maintenance



Technical specifications

IRST panoramic search

- Ocean Mode:
 - Very long-range search about the horizon
- Littoral Mode:
 - Long-range & large elevation coverage
- Adjustable surveillance area in elevation (-20° to +45°)
- High surveillance frequency rate
- Very low false alarm rate even in littoral environment
- High resolution stabilized video for enhanced identification range
- 3-axis stabilization with digital image processing for optimal performance even in high sea states on all size vessels

Sensors

- 3rd generation high definition 3-5 μm thermal imager

Interface

- CMS data interface: ethernet
- Video distribution: digital (analog available)
- INS: ethernet (RS422 available)

Maintenance

- Modular design
- Comprehensive Built-In Test
- Extensive and easy on-board maintenance



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