

ELECTRONICS & DEFENSE



PASEO IRST

NAVAL INFRARED SEARCH & TRACK

- Long-range IRST & identification
- Flexible operation thanks to continuous zoom
- Blue & shallow water operation
- Conventional & asymmetric threats

PASEO IRST

Naval infrared search & track

PASEO IRST is a long-range infrared search and track system. An alternative to VAMPIR NG, PASEO IRST leverages the same proven algorithms in a cost-effective package.

PASEO IRST is an efficient and cost-effective solution for self-protection against conventional and asymmetrical threats. Thanks to its wide range of fields of view, it adapts to all operational situations and 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, PASEO IRST provides a unique contribution to situation awareness.

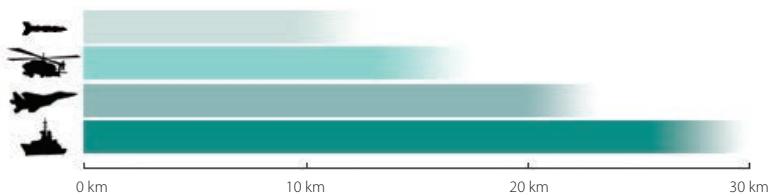


- Leveraging the extensive experience acquired on VAMPIR NG, world's best selling naval IRST
- Long-range
- Conventional & asymmetric threat detection

Key features

- Multiple fields of view 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
- Lightweight

PASEO IRST track declaration ranges



Technical specifications

IRST panoramic search

- Long-range search about the horizon, wide FOV 5° to 20°
- 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

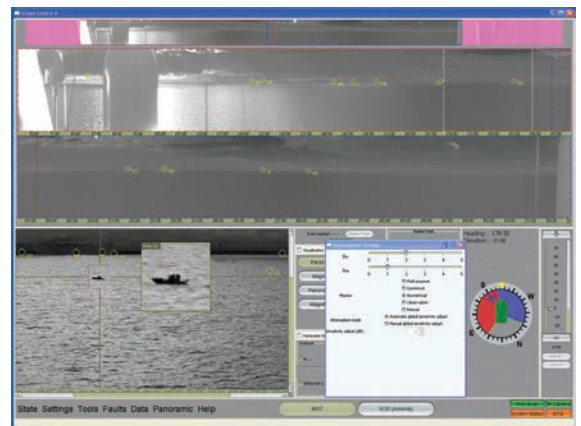
- 3rd generation high definition 3-5 μm thermal imager

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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