ELECTRONICS & DEFENSE

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

PASEO IRST
NAVAL INFRARED SEARCH & TRACK

SAFRAN
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.

Key features

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

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

PASEO IRST track declaration ranges

Safran Electronics & Defense
Arcs de Seine – 18/20 quai du Point du Jour - 92659 Boulogne-Billancourt Cedex - France
Tel.: +33 1 55 60 39 71 - Fax: +33 1 55 60 38 95
safran-electronics-defense.com