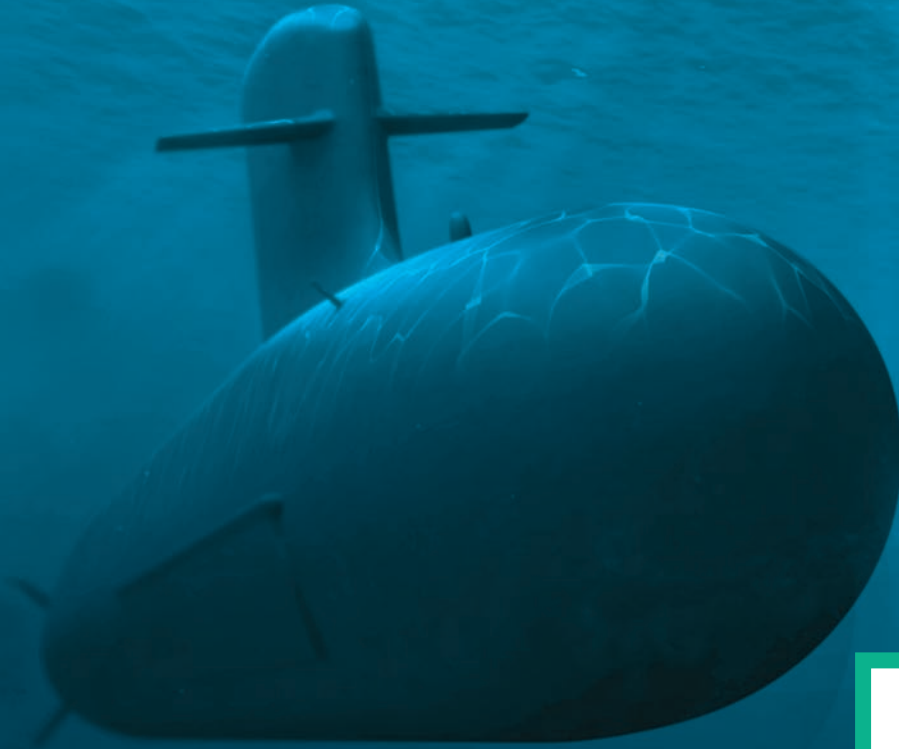


ELECTRONICS & DEFENSE



SERIES 30 AOM

ATTACK OPTRONIC MAST

- Up to 4 fully digital optronic channels
- Optimal stealth for maximal discretion
- Same interfaces as Series 30 SOM with raising equipment & CMS
- Fitted with reduced size ESM/GPS antenna

SERIES 30 AOM

Attack Optronic Mast

Based on the Series 30 SOM (Search Optronic Mast) design, the new Series 30 AOM is a very discreet non penetrating attack optronic mast. Perfectly suited to all types of submarines, it integrates optronic sensors and electronic warfare in a very compact unit.

The Series 30 AOM is the most modern and complete attack optronic mast system on the market. Modular, it can simultaneously combine up to four optronic sensors and an ESM/GPS antenna. The Series 30 AOM features very low signature thanks to its extremely small volume above the water surface. Its fully digital technology allows a high level of optronic performances.



Series 30 family

Part of the Series 30 family, the AOM is fully compatible with the Series 30 SOM in terms of mechanical, electronic and software interfaces. The same cabinet and cables can be used with both sensor pods, enabling navies to select the optimal configuration for a specific mission.

Easy to integrate on new or retrofitted platforms, the Series 30 AOM is in series production.

- Designed for intelligence gathering & attack
- Very high sensor integration
- Fully compatible with Series 30 SOM
- Compact & lightweight pod

Technical specifications

Optronic sensors

- 3rd generation high-definition 3-5 μm thermal imager
- True HDTV color camera

Optional optronic sensors

- Eye-safe Laser Range Finder
- SWIR thermal imager
- Day/Night backup camera

Operational modes

- All optronic channels available simultaneously
- Fast « Quick Look Direction »
- Optronic air threat Early Warning & Direction Finding
- Digital video & snapshot recording & replay

Supported antennas

- GPS
- Early Warning ESM
- Direction Finding ESM

Man-machine interface

- Open architecture, intuitive graphic interface
- User-configurable, support for dual screen
- Full digital display

Integration and maintenance

- Lightweight pod, no air/water cooling requirement
- Same interface as Series 30 SOM (hoisting system, cable loops, PHP, internal wiring, electronic unit)
- Same software as Series 30 SOM
- Single compact cabinet including backup command and control laptop
- Comprehensive built-in test

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