



# SPYNEL® IRST

## Sea-Proven Solution



### 360° DEFENSIVE BUBBLE WITH SPYNEL® IRST

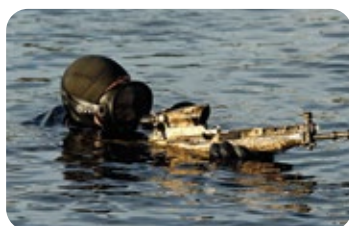
The **SPYNEL® IRST solution** allows **early target discrimination** over extremely wide areas, day & night whatever the weather conditions. **An unlimited number of targets** are simultaneously detected, tracked and identified thanks to high definition thermal images. No exception is made for hardly detectable threats.



### KEY FEATURES

- **Fully passive** 360° Detection & Tracking
- **Self-protection** against air/surface asymmetric threats
- Quick reaction time
- Enhanced **situational awareness**
- No blind sector
- Automatic **target identification** and **classification**
- Integration in your **Combat Management System**
- Highly stabilized system

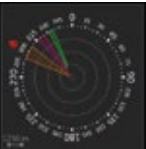
### DETECT, TRACK, CLASSIFY ANY AIR & SURFACE ASYMMETRIC THREATS



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### ENHANCED SITUATIONAL AWARENESS

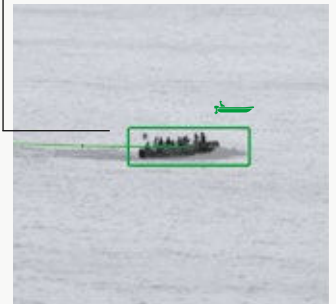


360° panoramic view

### SYSTEM DESCRIPTION

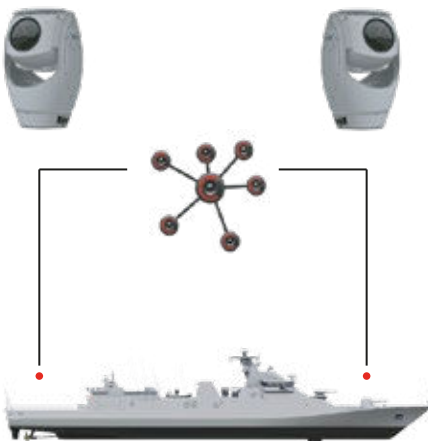


**SPYNEL®** is a unique IR **embedded system** for 24/7 selfprotection of ships. Capturing videos with an unequalled resolution of up to **120 Mpix**, SPYNEL-X provides powerful situation awareness over 360°. Associated with **CYCLOPE** advanced detection software, it provides unprecedented early warning against conventional and asymmetrical air/ surface threats up to the horizon.



RHIB detection and tracking

### FULLY INTEGRATED IRST SOLUTION



1. **SPYNEL-X** sensors can be fixed on either side of the mast, or on the bow and stern of the vessel, creating a **360° protective bubble without blind sector** around your ship.
2. **Data** is processed by **CYCLOPE Hypervisor** software collecting, displaying and fusing on a **single workstation**, all the threats automatically detected and tracked by the two SPYNEL® sensors.
3. The processed data is transferred to your **Combat Management System** for quick decision making.



Enlighten the Unseen

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