



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 classified thanks to high definition thermal images. No exception is made for hardly detectable threats.



> Key Features

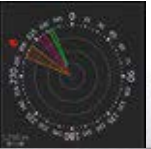
- **Fully passive** 360° Detection & Tracking
- **Self-protection** against air / surface asymmetric threats
- Quick reaction time
- Enhanced **situational awareness**
- No blind sector
- Automatic **target identification** and **classification**
- Integration in your **Combat Management System**
- Highly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

> Detect, Track, Classify any Air & Surface asymmetric threats





> Enhanced situational awareness



360° panoramic view



Drone detection and tracking

> System Description

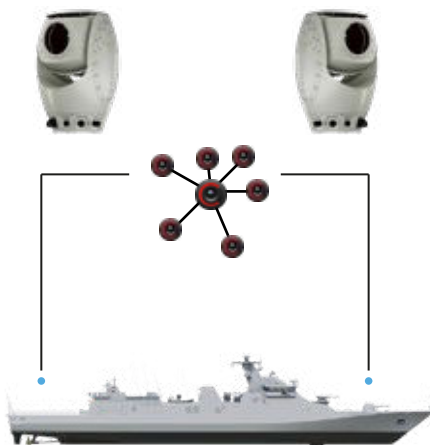


SPYNEL® is a unique IR **embedded system** for 24/7 self-protection of ships. Capturing videos with an unequalled resolution of up to **120 Mpix**, SPYNEL-X provides powerful situation awareness over 360°. Associated with **CYCLOPE** advanced detection software, it provides unprecedented early warning 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.



EUROPE

10 rue Maryse Bastié
91430 Igny, FRANCE
Phone: +33 1 69 35 47 70

USA

1240 E Campbell Rd Ste. 200,
Richardson, TX 75081, USA
Tel: +1 805 965 6701

ASIA

1 Paya Lebar Link, #04-01
Singapore 408533
Phone: +65 6955 8585