



Sea-Proven IRST Solution with SPYNEL



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

▼ 360° Defensive bubble with SPYNEL IRST

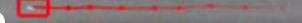
The **SPYNEL IRST solution** allows **early target discrimination** over extremely wide areas, day & night whatever the weather conditions. An **unlimited number of targets** are simultaneously detected, tracked and identified thanks to high definition thermal images. No exception is made for hardly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

DETECT, TRACK, CLASSIFY ANY AIR & SURFACE ASYMMETRIC THREATS



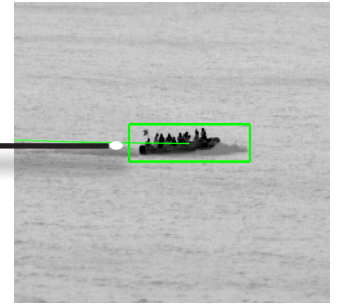
ENHANCED SITUATIONAL AWARENESS

360° panoramic view



SYSTEM DESCRIPTION

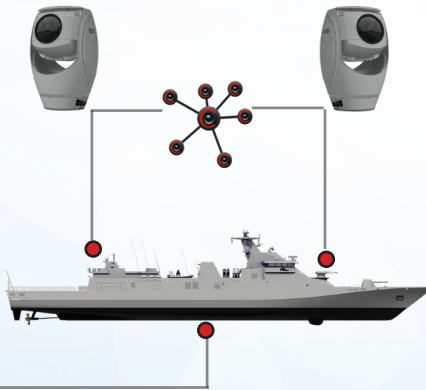
SPYNEL is a unique IR embarked system for 24/7 self-protection of ships. Capturing videos with an unequalled resolution of up to **120 Mpix**, SPYNEL-X provides powerful situation awareness over 360°. Associated with **CYCLOPE** advanced detection software, it provides unprecedented early warning against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



www.hgh-infrared.com

Headquarters

HGH SYSTEMES INFRAROUGES
10 rue Maryse Bastié
91430 Igny, France
Phone: +33 1 69 35 47 70
Email: sales@hgh.fr

US Office

ELECTRO OPTICAL INDUSTRIES
320 Storke Rd., Ste. 100
Goleta, CA 93117, USA
Phone: 805.964.6701
Email: sales@electro-optical.com

Asia Office

ASIA INFRARED SYSTEMS
1 Paya Lebar Link, Tower 1,
UNIT 04-01, SINGAPORE 408533
Phone: +65 6933 1394
Email: sales@hgh-infrared.com