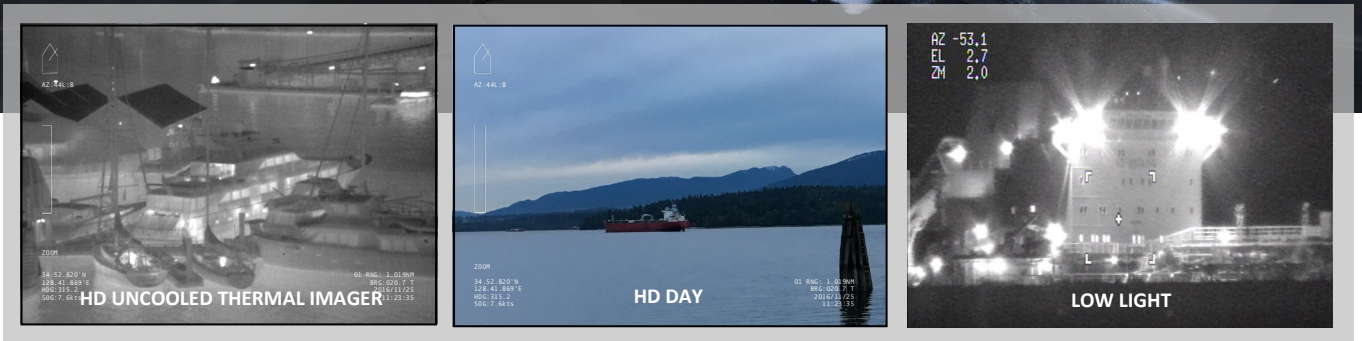


RUGGED. MARITIME. GYRO-STABILIZED. LOW MAINTENANCE

HIGH-DEFINITION THERMAL IMAGING & DAY CAMERA: Best Performance for longest Range

NN 8000 Series



Electro-Optical/Infra-Red camera system

c/w Full HD Uncooled Thermal Imager & Day Camera

The Night Navigator™ 8042 is a rugged, low maintenance, compact electro-optical system designed for military and paramilitary end users. Mast mounted payload, this imaging system offers exceptional performances. It integrates a **High-Definition LWIR uncooled thermal imager** and a **High-Definition day camera / low light** in a **gyro-stabilized** sensor platform. It can be controlled from the bridge of a ship or through IP network in a control room or remote location. This COTS system is built to MIL Std.

APPLICATIONS

- ISR (Intelligence, Surveillance and Reconnaissance)
- EEZ (Exclusive Economic Zone) protection
- Long-Range Surveillance
- Unmanned Surface Vessels operation
- Autonomous Vessels
- Maritime SAR
- Safety and security at anchor and in the harbour
- Tracking of potential threat or man overboard
- Situational awareness
- Anti-smuggling operations

BENEFITS

- **Rugged, marine, low maintenance** design
- **Zooms 28x** in HD LWIR uncooled thermal and 360x in HD day
- **Detects a NATO target** over 20km, night and day
- **Provides a clear, highly detailed image**, in HD day, even into the digital zoom range
- **Day Camera selection:** HD or 4K
- **Increases object detection** in low level of light with best of class low light sensitivity
- **Tracks Radar cursor, ARPA Target, AIS and video targets**
- **Streams H.264 (HD) video** with PiP or two video streams and **communicates digitally** over IP network (Ethernet)
- **Outputs video in dedicated coax cable to the bridge in SDI**
- **Enables Picture in Picture (PiP)** of two live video signal outputs (zoom synchronized or independent)
- **Single payload** with no junction boxes or interface modules simplifies installations and retro fits, while reducing maintenance
- **Standard mounting and cabling** for all Night Navigator 8000 series enables ease of payload swaps and future upgrades
- **Designed to withstand marine environmental conditions** and proven by over 15 years and hundreds of successful operating installations worldwide