



Standard Piranha TV, SLX-Hawk & optional LRF installation



Fast and simple installation method to reduce integration costs



Customisable consoles to suit any vessel layout/space constraint

# Sea Eagle EOSS

## Electro-Optical Surveillance System

Sea Eagle EOSS (Electro Optic Surveillance System) is an advanced electro optical surveillance system optimised for automated maritime surveillance on all classes of vessel. The system provides 24 hour passive surveillance and target identification through the use of thermal imager and daylight TV camera sensors (the system can also be fitted with a low repetition rate laser rangefinder).

Sea Eagle EOSS has been designed to provide a high level of automated operation, therefore reducing operator work load and training.

## Features

- 24 hour passive surveillance
- Scanning of programmable sectors
- Automated slewing to search radar contact indications
- Automated capture of target 'snapshot' images
- Automated target tracking
- Target range indication with optional laser range finder
- Designed as stand alone system or part of 'multi-function' console based combat system

## System Outline

Sea Eagle EOSS uses an advanced electro-optical sensor suite to provide target acquisition and tracking 24 hours a day. The system boasts sophisticated image processing techniques to enhance target detection and tracking.

## EO Sensors

The electro-optical sensors comprise of a mid-wave thermal imager, colour TV camera and optional laser range finder. They have been selected to provide effective target detection, acquisition and tracking of typical naval surface targets.

## EO Director

The Sea Eagle EOSS director has been optimised to meet the requirements for the precise tracking of all types of naval surface targets in the worldwide maritime environment.

## Operation

Sea Eagle systems have been designed to be controlled from either a dedicated operator's console or from a combat system's multi-function console. For dedicated applications, a range of console configurations are available to suit different vessel layout arrangements and space limitations.

## EOSS Platform



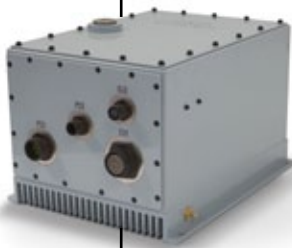
## Console



GPS

CMS

SPA  
Supply  
Unit



EOD  
Processor  
Unit



AHRS