

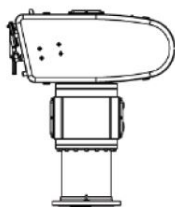
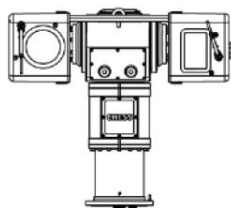
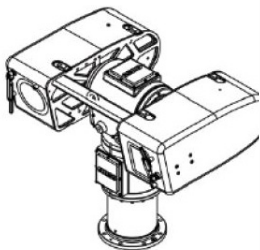
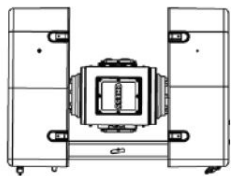


SeaEagle EOTS Electro Optical Targeting System

SeaEagle EOTS is a stabilised 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 optionally be fitted with a low repetition rate laser rangefinder).

SeaEagle systems employ advanced image processing techniques to provide a high level of automated operation during surveillance and target tracking.

Producing both a panoramic image of the operating area and high magnification, still and moving images of detected targets the systems can be set to alarm on pre-defined target types and associated behaviour.



EOTS



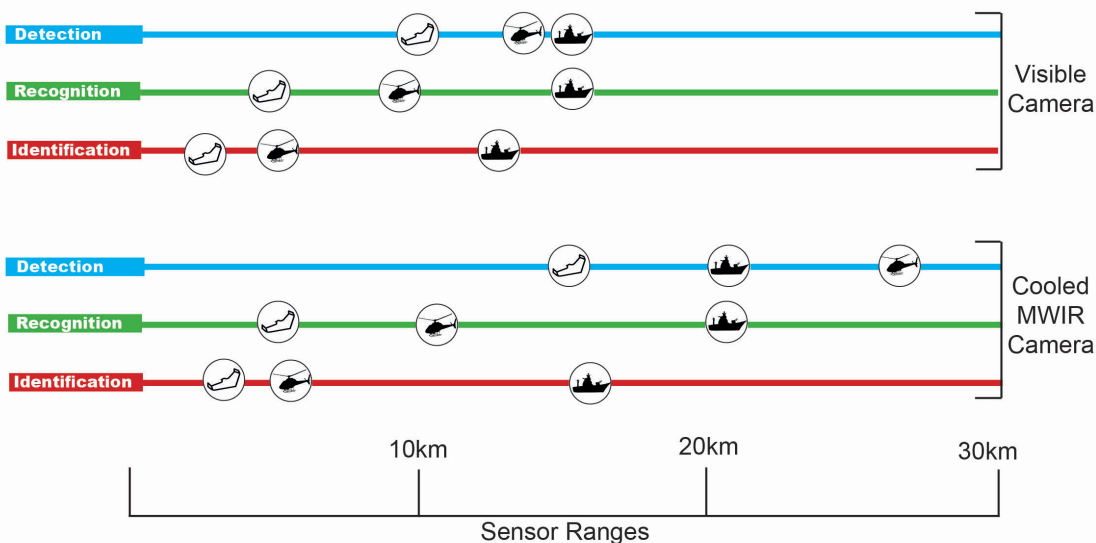
Shaded Drone



Helicopter



Corvette



Electrical Parameters

Voltage 110-260VAC 50/60Hz or 18-32VDC

Power 1,000W

Physical Characteristics

Director EOD

Size 500x700x500mm

Mass 55kg

Azimuth N-times 360°

Elevation -35°-65°

DCU Integrated in EOD

PSU Optional

SPA GRIP

CCU Integrated in EOD

WCU Optional

Size 537 x 689 x 292mm

Mass 44kg (full)

Sensors

DLTV Continuous Zoom

Resolution 1920x1080

HFoV 2.5° - 30°

Thermal Imager Continuous Zoom

Waveband 3.4µm-4.2µm

Resolution 1280x720

HFoV 2.5° - 30°

Laser Range Finder

Waveband 1570nm

Safety Class 1M

Instrumented range 80m-20,000m

PRF 1Hz

Control Interface Own HMI Console

Video Interface H.264