

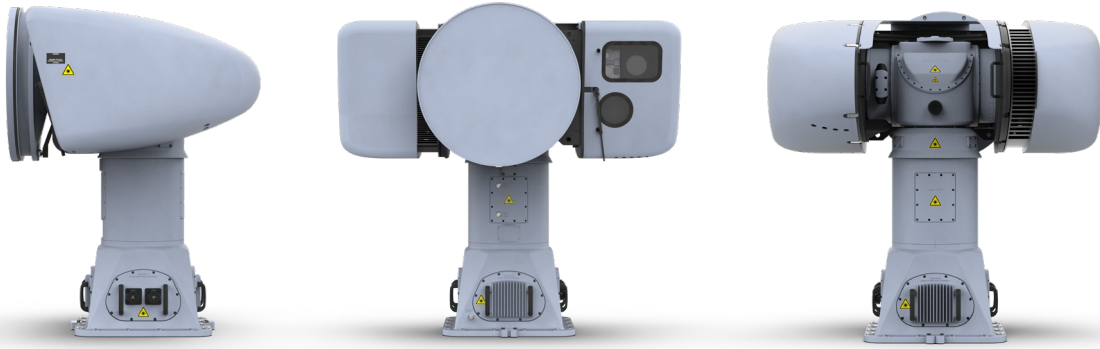


SeaEagle FCRO Fire Control Radar Optical

The SeaEagle FCRO is a stabilised radar and electro-optical fire control system optimised for the control of naval guns against air, surface and shore targets. Capable of controlling any 'in-service' naval gun directly or via a CMS.

The system provides 24-hour, long range, detection, acquisition, tracking and engagement of air and surface targets using a blend of the advanced Ku-Band fire control radar with target tracking and identification provided by the thermal imager and daylight TV camera.

The system is capable of passive EO operation when required.



Electrical Parameters

Voltage	115VAC 50/60Hz single phase and 115VAC 50/60Hz three phase
Power	1,500W, single phase 9,000W three phase

Physical Characteristics

Director	REOD
Size	2000 x 2000 x 1500mm
Mass	<750kg
Azimuth	N-times 360°
Elevation	-30° - 85°

DCU Included in REOD

PSU

Size	420 x 420 x 450mm
Mass	35kg

SPA

Size	950 x 650 x 700mm
Mass	120kg

CCU included in SPA

WCU

Size 534 x 694 x 280mm

Mass 40kg (full)

Sensors

DLTV Continuous Zoom

Resolution 1920 x 1080

HFoV 2.4° - 64°

Thermal Imager Continuous Zoom

Waveband 3.6µm - 4.2µm

Resolution 1280 x 1024

HFoV 2.3° - 35.5°

Laser Range Finder *Optional

Waveband 1570nm

Safety Class 1M

Instrumented range 100m-30,000m

PRF 1Hz - 10Hz

Control Interface Ethernet to CMS

Video Interface H.264