

SeaFLIR® 230

LONG RANGE, GYRO-STABILIZED RSTA SYSTEM
TAILORED FOR MARITIME OPERATIONS



APPLICATIONS

RECONNAISSANCE, SURVEILLANCE
AND TARGET ACQUISITION (RSTA)

MARITIME SAR

SURFACE SEARCH

COVERT OPS

BLIND PILOTAGE ASSISTANCE

MAN OVERBOARD SEARCH & TRACK

BRIDGE SITUATIONAL AWARENESS

HARBOR SECURITY

FEATURES

Optimized for maritime operations

Stabilized for long range RSTA
and on-the-move operation

Compact and lightweight

Multi-sensor system

Fully integrated to bridge
control system

Qualified and rugged

BENEFITS

Tailored through extensive operational experience on a wide variety of maritime platforms in all weather

Gyro-stabilized and tuned specifically for maritime installation, provides for maximum sensor range performance and increased capability over typical pan/tilt systems at comparable price

At 35 lbs and 9" diameter, provides the ability to deploy on any platform

High resolution color zoom TV camera with low light capability; powerful 640 x 480 cooled MWIR thermal camera with 10x zoom optics; video autotracker and optional laser pointer for tactical coordination, can be seen by TV camera in low light mode

Communications to command/control system, GPS, INS, Radar, Moving Map, Searchlight, AIS and more

FLIR has hundreds of rugged, high reliability systems fielded on vessels around the world

Utilising extensive interface options



SeaFLIR 230 provides crisp stable imagery through total darkness, fog, smoke, and most battlefield obscurants



SeaFLIR® 230

THERMAL IMAGER

Detector type	Indium Antimonide Focal Plane Array (MWIR)
Zoom ratio	10x continuous zoom
Image resolution	640 h x 480 v
Optical zoom extender	1.8x (optional)

DAYLIGHT/COLOR CCD TV

Performance	Long range using FLIR-designed optics with maximized focal lengths
Zoom	18x continuous

LASER POINTER (OPTIONAL)

Nominal wavelength	852 nm
Power	50 mW nominal
Classification	Class 3B (per ANSI Z136.1-2007)

MECHANICAL/ELECTRICAL

System weight	~39 lbs (~17.7 kg)
Stabilized Gimbal Assembly (SGA)	9.0 in d x 15.55 in h (22.9 cm d x 39.4 cm h), 360° AZ Continuous, +80° to -80° EL
Interfaces	MIL-STD-1553B, ARINC 429, RS-232, RS-422, Analog (RS-170)
Power	18-30 VDC

ENVIRONMENTAL

Standards	MIL-STD-461, MIL-STD-810
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ERGONOMIC, RUGGEDIZED CONTROL UNIT OPTIONS

NVIS compatible
Fully sealed design



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