



## SeaFLIR®

SeaFLIR is a long-range, gyro-stabilized, thermal imager that provides high resolution infrared images in daylight as well as in total darkness. Unlike low-light cameras that require some light to create an image, SeaFLIR senses heat and is able to detect small targets even out on the horizon.

SeaFLIR is defense-grade thermal imaging technology made available to the commercial maritime market by FLIR – not defense technology de-rated for commercial use. SeaFLIR's powerful optics and sensitive thermal imager allow you to see potential threats at the horizon, giving you the reaction time needed to safeguard your passengers and crew.

### LONG-RANGE VISION



See to the horizon

### NAVIGATION



See bouys at long range

### ANTI-PIRACY



Early threat detection

## Benefits

- **Navigation**
- **Iceberg Detection**
- **Collision Avoidance**
- **Man Overboard Recovery**
- **Fire Detection**
- **Vessel in Distress Detection**
- **Anti-Terrorism**
- **Vessel, Crew & Passenger Protection**
- **Long-range Detection of Inbound Vessels, Day and Night**





## SeaFLIR®

### System Overview



There are over 1,000 FLIR imagers currently deployed in Law Enforcement and Search-and-Rescue roles, making them the most popular thermal imagers in the world.

Size 9.0" dia x 13.5" h (22.9 cm dia x 38.6 cm h)

Weight (with standard payloads) <28 lb (12.7 kg)

### Thermal Imaging Performance

Sensor type InSb Focal Plane Array, 3-5  $\mu\text{m}$  MWIR

FOV range 21.7° (Wide) to 1.2° (Narrow)

### Daylight Imaging Performance

Sensor type CCD-TV; NTSC/PAL; 48° to 1.2°

### System Specifications

Az/EI coverage 360° Continuous

Video outputs NTSC or PAL

Power requirements 19VDC to 32VDC; max surge 15 amps

### Environmental

Operating temp -40°F to 131°F (-40°C to 55°C)

Options Autotracker, Radar & Nav Interfaces, Flat-panel Displays

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