



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 buoys at long range

ANTI-PIRACY



Early threat detection

Benefits

- See at night
- Navigation
- Collision avoidance
- Man overboard recovery
- Vessel in distress detection
- Long-range daylight/low-light video camera
- Vessel, crew & passenger protection
- Long-range detection of inbound vessels, day and night
- Anti-terrorism





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| | |
|---------------------------------|--|
| 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 µm 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 |

Environmental

| | |
|----------------|--|
| Operating temp | -40°F to 131°F (-40°C to 55°C) |
| Options | Autotracker, Radar & Nav Interfaces, Multi-panel Displays |

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