

DISCONTINUED PRODUCT
This product is out of production, and may have limited support depending on its age. Please contact us at 1-877-773-3547 if you have any questions.



Mariner™

The Mariner is a versatile, low-cost thermal imager for maritime navigation. It features the same high-performance thermal imaging technology that FLIR supplies the Coast Guard and Homeland Defense agencies, but it's packaged for use in pleasure craft.

The Mariner features a 36° field-of-view thermal imager that delivers a clear video image in total darkness, through smoke and light fog. Thermal imagers sense small differences in temperature, so warmer objects appear white, and cooler objects appear dark. Outcroppings of land, buoys, channel markers, and other boats become easy to see, allowing you to navigate in total darkness with confidence. Mariner is simple to use – if you can watch TV, you can handle the Mariner.

SEARCH AND RESCUE



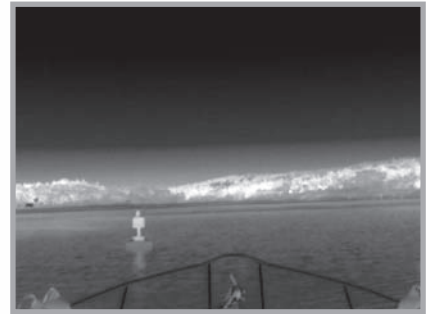
Security in Emergencies

24-HOUR VISION



Your Vision vs. FLIR Vision

NAVIGATION



See Buoys Anytime

Benefits

- **Navigate confidently in total darkness**
- **Avoid collisions with other vessels and floating debris**
- **A wide-angle lens for optimal situational awareness**
- **Designed to survive harsh maritime conditions**
- **Stay secure in port with 24-hour vision**
- **Find "man overboard" victims in the water**
- **Affordable**
- **Easy to use**
- **Easy to install**





Mariner™

System Overview

Size	12" x 9"
Weight	8.8 lb
Azimuth Field-of-Regard	360°
Elevation Field-of-Regard	+/-30°
Slew Rate	Variable to 120°/sec

Thermal Imaging Performance

Sensor Type	320 x 240 Microbolometer
Wide FOV Imager	36° x 27° (19mm)
Spectral Range	7.5 to 13.5 µm

System Specifications

Pan/Tilt Coverage	360° Az/ +/-60° El
Video Output	NTSC or PAL
Power Requirements	12VDC/ 20W Max

Environmental

Operating Temp	-10°C to 55°C
Storage Temp	-40°C to 70°C
IP Rating	IP 65; IEC 529

Joystick Control Unit (JCU)

Dimensions	4.0" x 3.13"
------------	--------------

FLIR Systems, Inc. CVS World Headquarters

FLIR Systems, Inc.
70 Castilian Dr.
Goleta, CA 93117
USA
PH: + 1 877 773 3547
PH: + 1 805 964 9797
FX: + 1 805 685 2711
sales@flir.com

EUROPE CVS Eurasian Headquarters

FLIR Systems CVS BV
Charles Petitweg 21
4847 NW Teteringen - Breda
Netherlands
PH: + 31 (0) 765 79 41 94
FX: + 31 (0) 765 79 41 99
flir@flir.com

FLIR Systems, Inc. Corporate Headquarters

FLIR Systems, Inc.
27700A SW Parkway Ave.
Wilsonville, OR 97070
USA
PH: + 1 877 773 3547
FX: + 1 503 498 3904
sales@flir.com

www.flir.com

