MARITIME SOLUTIONS
BUILT TO SURVIVE AND STAY ON WATCH WITH YOU 24/7
With the only line of thermal imagers engineered from the beginning to thrive in demanding maritime operating conditions, FLIR is the world’s most trusted supplier of maritime imaging systems.

FLIR has designed and manufactured innovative sensing solutions for more than 40 years and has systems deployed on everything from aircraft carriers to RHIBs, and with all of the premier navies, coast guards, special operations forces, and maritime law enforcement agencies in the world.

Our systems are made for the mission, meet the demanding MIL standards and maritime OEM environmental requirements, and are built to perform anytime, anywhere, and in any weather.
Large maritime vessels operating in deep sea waters depend on reliable, rugged, and trusted systems that perform as powerfully as the crew. Whether used for surface warfare, air warfare, anti-ship missile defense, battle damage assessment, or search and rescue, our SeaFLIR line of sensors provide the benefits of multiple imaging and laser payloads, standard ship’s system communications architectures, and incredibly tough packaging specifically for severe environments.

High-speed patrol vessels require lightweight, sealed, and tough systems to help crews in the roughest conditions. We offer mid-range and long-range systems with multiple automated features and communications algorithms to maximize the performance of multi-tasking crews. Our SeaFLIRs provide significantly increased capability for detection and target identification in harsh maritime environments and easily integrate with other technologies to offer a fully integrated approach for today’s special forces, naval, and para-military vessels.

Protecting homelands and defending borders from open waters requires a targeting solution that is precise, accurate, and has long reach. Our SeaFLIR targeting system gives you that target assurance and enables crews to distinguish enemy targets from friendly/own assets with ultra-long-range imaging performance and less divergence than any other system in its class. Patented FLIR diode-pumped, advanced laser designators have the tightest beams, best boresight and highest duty cycles available for spot-on accuracy and security.
Today’s naval forces need to be flexible, agile, and prepared to respond rapidly to crises and threats. Day and night, and in the worst weather, someone has to stay on watch to ensure safe passage, patrol borders, secure harbors, stop threats, and rescue ships in distress.

The FLIR line of maritime systems is built to survive and stay on watch with you 24/7. With high definition, thermal, visible, and low-light sensors in our products, you can depend on clear, detailed imagery to make critical decisions quickly and confidently, regardless of weather.
SEARCH AND RESCUE
A capsized ship, a missing boat, a man overboard - in search and rescue efforts it’s your job to find those in distress and bring them to safety. With such a large area to cover at sea, you need a solution that will give you powerful vision in any weather condition, day or night. FLIR unmatched high definition, thermal, and low-light imaging gives you the clearest picture of your surroundings and makes finding people in the water much more successful than just searching with visible spectrum devices. Geo-point and geo-location functionality provide automatic location of victims with pin-point accuracy and links to a ship’s command system. FLIR – your partner in saving lives.

COASTAL PATROL
Monitor coastlines, ports, and waterways in shallow water environments demands constant watch, even at night. FLIR stabilized imaging systems provide eyes in the night that see objects in low light and objects that emit low levels of heat. With a FLIR maritime system mounted on the vessel, operators will have every advantage that modern technology can bring to nighttime or inclement weather maritime operations.

INTERDICTION
In covert missions, such as maritime interdiction operations, you need long-range detection to identify and track smugglers, terrorists, or any other threat. We offer long and ultra-long-range imaging systems – up to 120x magnification optics – to keep you at a safe distance and criminals unsuspecting.
Whether responding to crises or disasters at sea, enforcing maritime laws and regulations, or protecting ports and waterways under your stewardship, you need an imaging system that provides optimal situational awareness, even in the harshest conditions.

With a mission-proven SeaFLIR system on your vessel, you get daytime clarity no matter the weather conditions, day or night.
**DRUG INTERDICTION MISSION**

The U.S. Coast Guard operates large numbers of FLIR systems on a variety of platforms including the 418-foot cutter James. Onboard is the Sea Star SAFIRE III, which is designed to identify and track smugglers and other threats at sea. It’s instrumental in intercepting smuggling vessels and seizing drugs along U.S. and bordering coastlines.

**COUNTER-PIRACY MISSION**

FLIR maritime systems are crucial in mission accomplishment and have aided such ships as the Royal Danish Navy’s HDMS Absalon, reportedly the most successful counter-piracy warship in the Gulf of Aden. Installed on the Absalon is the Sea Star SAFIRE III, providing maximum detail from covert stand-off distances.

**MARITIME CUSTOMS MISSION**

The SeaFLIR 230 is mounted on the French Customs patroller boats and is essential to their missions including Maritime Policing, Fishing Control, Search and Rescue, and Environmental Protection. The SeaFLIR 230 brings incomparable advantages and is designed for 24/7 operations in all weather and sea states to provide optimal situational awareness and mid-range surveillance.
SEAFLIR 380-HLD
LASER DESIGNATOR
The world’s first and only all-digital, full high definition system with laser designation. With a wide variety of laser payloads, including NATO PIM coded laser designator, this is the world’s highest performance maritime gimbal.

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SEAFLIR 380-HD
LONG RANGE
The all-digital, full high definition SeaFLIR 380-HD provides superior image stabilization, ultra long-range imaging performance, and true metadata embedded in the digital video.

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SEAFLIR 280-HD
LONG RANGE
With all-HD imaging and powerful optics on the thermal imaging payload as well as the daylight and lowlight camera payloads, the SeaFLIR 280-HD provides better imaging at longer ranges in a compact volume and weight.

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SEAFLIR 280-HDEP
LONG RANGE
New state of the art Vision Processor provides scalable image processing while supporting open architecture to ease integration of third-party image processing and integration into ship systems with flexible interfaces.

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SEAFLIR 230
MEDIUM RANGE
The SeaFLIR 230 is a member of the FLIR family of 9” gimballed turrets. Representing the latest in sensor-technology, it condenses extremely high performance surveillance and targeting into a compact, low mass, and lightweight system.

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The SeaFLIR family of maritime imaging systems has deployed to every corner of the globe, enduring every climate the earth can throw at it and outperforming everything afloat.

Whether you need a lightweight sensor to support 24-hour small boat operations, or an ultra-long range, all digital solution, there’s a SeaFLIR for your vessel and your mission.
MARITIME SOLUTIONS

AT HOME AND AROUND THE WORLD

Our commitment to service and support:
Ensuring mission success now and into the future

GLOBAL SERVICE CENTER LOCATIONS

NORTH AMERICA
Wilsonville, OR USA
Elkridge, MD USA
North Billerica, MA USA
Jacksonville, FL USA
Tucson, AZ USA
Laval, QB CA
Dartmouth, NS CA

SOUTH AMERICA
Sorocaba, Brazil
Sao Paulo, Brazil
Bogota, Columbia

MIDDLE EAST
Dubai, United Arab Emirates

AFRICA
Pretoria, South Africa

EUROPE
West Malling, United Kingdom
Taby, Sweden
Fürstenfeldbruck, Germany
Istanbul, Turkey
Rome, Italy
Madrid, Spain
Kjeller, Norway

ASIA PACIFIC
Seoul, Korea
Kaohsiung City, Taiwan
Tokyo, Japan
Kuala Lumpur, Malaysia
Adelaide, SA Australia

AMERICAS
FLIR Systems, Inc.
Corporate Headquarters
27700 SW Parkway Ave
Wilsonville, OR 97070
Office: +1 877.773.3547

FLIR Systems, Inc.
DC Headquarters
1201 S. Joyce Street
Suite C006
Arlington, VA 22202
Office: +1 703.642.3400

FLIR Systems, Inc.
25 Esquire Road
North Billerica, MA 01862 USA
Office: +1 800.464.6372

FLIR Systems, Inc.
675 Discovery Drive Suite 103
Huntsville, AL 35806 USA
Office: +1 256.325.3547

EUROPE
FLIR Systems
2 Kings Hill Avenue - Kings Hill
West Malling, Kent ME19 4AQ
United Kingdom
Office: +44 (0)1732 220 011
Fax: +44 (0)1732 843 707

FLIR Systems AB
Antennvägen 6,
P.O. Box 737
SE-187 66 Täby
Sweden
Office: +46 (0)8 753 25 00

MIDDLE EAST
FLIR Systems Middle East FZCO
Unit C-13
Dubai Airport Free Zone
P.O. Box 5426
Dubai United Arab Emirates
Office: +971-4-299-6898

FLIR Systems Saudi Arabia
Office 127, First Floor
Akaria Plaza Building, Olaya Street
Riyadh, 11481, Saudi Arabia
Office: +966 11 464 5323
Fax: +966 11 464 0438

ASIA
FLIR Systems Japan K.K.
Meguro Tokyo Bldg. 5F,
2-13-17 Kami-Osaki, Shinagawa-ku,
Tokyo, 141-0021, Japan
Office: +81-3-6721-6648

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