MARITIME SOLUTIONS
Built to survive the harshest conditions 24/7
The appearance of U.S. Department of Defense (DoD) visual information does not imply or constitute DoD endorsement.
With the only line of thermal imagers engineered from the beginning to perform in demanding maritime operating conditions, Teledyne FLIR is the world’s most trusted supplier of maritime imaging systems.

Teledyne 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.
BLUE WATER

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.

LITTORAL COMBAT

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.

TARGETING SOLUTIONS

Protecting homelands and defending borders from open waters requires a targeting solution that is precise, accurate and has long reach. Our targeting solution gives you valuable 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 Teledyne FLIR diode-pumped, advanced laser designators are in service around the world in a variety of environments, combining high performance and spot-on accuracy.
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 Teledyne 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. Teledyne 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. Teledyne FLIR – your partner in saving lives.

COASTAL PATROL
Monitoring coastlines, ports, and waterways in shallow water environments demands constant watch, even at night. Teledyne 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 Teledyne 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

The U.S. Coast Guard operates large numbers of Teledyne FLIR systems on a variety of platforms including the 418-foot cutter USCGC 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

Teledyne 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

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.
MARITIME SOLUTIONS
MISSION HIGHLIGHTS
<table>
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<tr>
<th></th>
<th>DETECTION RANGE (KM)</th>
<th>THERMAL</th>
<th>VISIBLE</th>
<th>SPOTTER SCOPE</th>
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* DENOTES SD EO CAPABILITY ONLY.
The SeaFLIR family of maritime imaging systems has deployed to every corner of the globe, enduring every environment that nature 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.

Modeled using NVESD NV-IPM
Range performance will vary depending upon target size, thermal contrast, atmospheric conditions and sensor operational settings.
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

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

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