Introduction

Increased traffic throughout US waterways is demanding more attention from public safety vessels than ever. Officers crewing these vessels often serve various roles, including safety patrol, boater assistance, general law enforcement, SCUBA operations, and search and rescue.

These police, fire, and harbor patrol vessels must operate in any condition. Whether day, night, or severe weather, public safety vehicles and equipment need to respond to crisis at a moment’s notice. FLIR outfits law enforcement and public safety professionals with tools to heighten awareness and help save lives.

Thermal imaging has long helped first responders, commercial mariners, and serious boaters achieve a new level of awareness on the water. Offering excellent vision in complete darkness, blinding glare, and adverse weather, thermal cameras help counter challenging environmental conditions. When mission success hinges on quickly detecting humans, hazards, or fire, thermal imaging is a difference-maker.

24-Hour Response Capability

FLIR thermal cameras detect heat signatures from humans and objects in complete darkness, as well as through smoke, haze, and light fog. This capability helps marine patrol officers navigate confidently and avoid hazards, such as floating debris, land outcroppings, docks, pilings, and other vessels.

Search and Rescue

Search and rescue teams all over the world rely on thermal imaging to quickly find lost individuals. Thermal imaging is particularly advantageous for marine search and rescue efforts. The unmistakable contrast of body heat on the cold, uniform water surface helps first responders locate victims in the water faster than traditional night vision or spotlights will.

See Through Smoke

FLIR thermal cameras produce clear images through thick, black smoke. While handheld, fire-specific thermal imaging cameras (TICs) are often used on the interior of structural fires, fixed-mount marine cameras bring a new level of awareness to firefighting on the water. The excellent vision thermal imaging offers through smoke helps firefighters locate potential victims, pinpoint hot spots, and strategize a plan of attack.
Safety and Law Enforcement

Whether danger lies between swells or on shore, FLIR thermal imaging technology helps law enforcement professionals maintain the safety of their vessel, their crew, and themselves. Marine thermal cameras offer 24/7 surveillance capability for monitoring other vessels and land-based suspects. Clear, stable imaging in any environment serves as a force multiplier, helping smaller crews keep up with the growing demands on marine law enforcement.

Why FLIR?

FLIR is committed to driving innovation of thermal imaging and sensing technologies. Whether increasing the quality of advanced vision systems or improving the accessibility of thermal solutions, FLIR continues to invest in superior technology to help marine patrol officers save lives on public waterways.

For more information about FLIR maritime applications or to schedule a product demonstration visit:

www.flir.com/maritime

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FLIR-equipped marine units can assist shoreside officers. Thermal imaging detects intruders through glare and darkness.

Thermal imaging cameras help gather evidence against illicit activities, such as drug smuggling, illegal dumping, and poaching more easily than cameras that rely on visible light alone.