



# SEAFLIR<sup>®</sup> 280-HD

THE WORLD'S FIRST COMPACT LONG-RANGE HD SYSTEM  
FOR MARITIME APPLICATIONS

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# THE UNFAIR ADVANTAGE

LONG RANGE COVERT SURVEILLANCE

# INTRODUCING SEAFLIR® 280-HD

THE WORLD'S FIRST STABILIZED COMPACT HD MULTI-SENSOR MARINIZED IMAGING SYSTEM

## THE UNFAIR ADVANTAGE

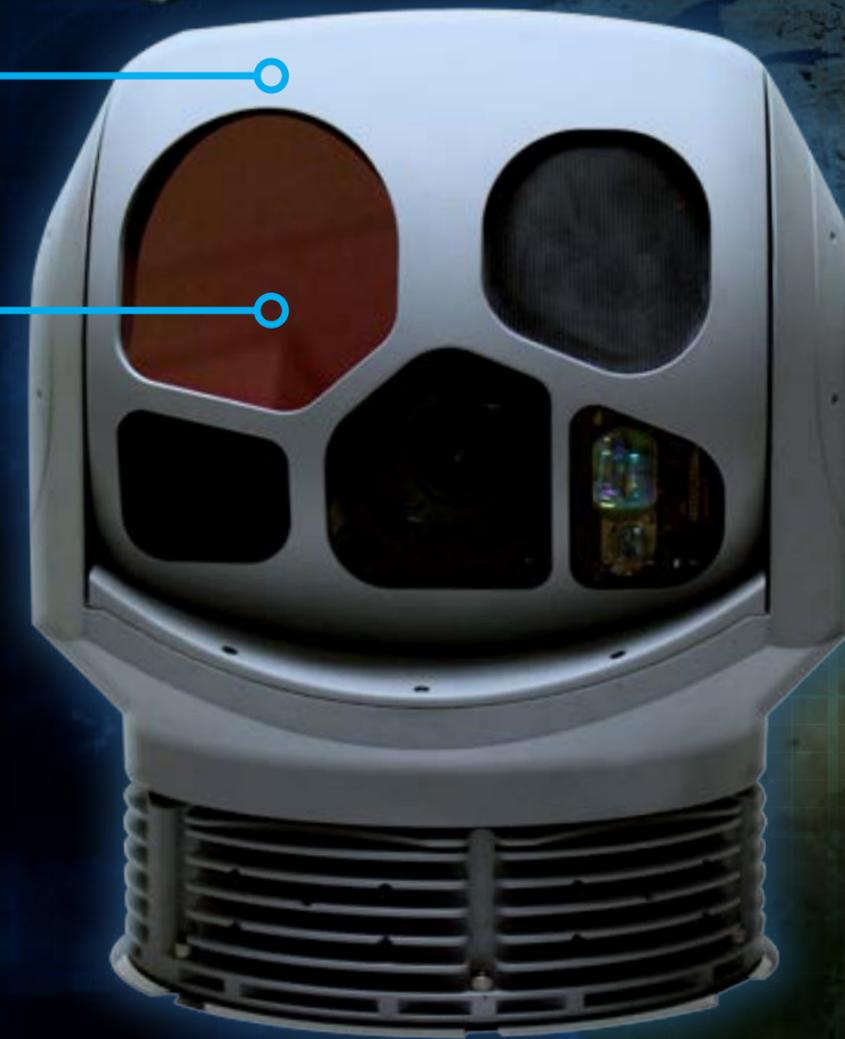
Giving unrivalled long range optical and system performance, SeaFLIR 280-HD builds on FLIR Systems' rich nautical heritage. With over 1,000 marinized systems delivered since the SeaFLIR 2 was launched in 1998, FLIR has always focused on being the first to offer seaborne operators the most advanced maritime surveillance and targeting capabilities. SeaFLIR 280-HD gives a quantum improvement over every other compact system available, and is specifically tailored to give excellent long range performance in the extreme conditions found at sea.

## BIG SYSTEM PERFORMANCE, SMALL SYSTEM SIZE, COST AND WEIGHT

- Lightweight turret (<55lbs): its low weight minimizes center of gravity and mast strength requirements on small vessels
- 982mm focal length optics provide 2-4 times greater magnification than other systems
- Greater optical power means your vessel can stay on the horizon for stealth and safety, while still seeing more detail than ever before
- Exceptional stability delivers clear and sharp image detail
- Continuous zoom lenses for thermal, color & low light offers uninterrupted FOV changes
- Multi-FOV spotter scope enables fast FOV changes and maximum optical zoom
- "Dual-view" capability – image blending, split screen and picture in picture options
- Real HD thermal and color provide extra resolution to enhance mission effectiveness
- SWIR camera can see through sea mist, smog, smoke and haze, providing imagery when other sensors cannot

## AFFORDABLE EXCELLENCE: THE SEAFLIR RANGE

The SeaFLIR 280-HD is the newest member of the SeaFLIR family of high performance maritime specific imaging systems. The SeaFLIR 280-HD provides a full spectrum of ISR capabilities including both MWIR and Visible Continuous zoom optics, the largest zoom ranges in the industry and a SWIR option for deep penetration of maritime mist and haze. The SeaFLIR 280-HD is part of a family of maritime systems including the SeaFLIR 380-HD/HLD with laser designation capability and the affordable SeaFLIR 230 providing basic EO/IR capability in a small lightweight package.



## 3RD GENERATION FLIR REAL HD

At FLIR, when we say 'Real HD', we mean it. All our HD cameras have native, high definition digital components and outputs, and we maintain that fidelity throughout the system. FLIR neither compresses, resizes, or scales HD imagery, nor is the data file converted to another format. The HD imagery stays digital from its capture all the way to the output – same resolution, uncompressed, clear and pristine the entire way through.

## EXPANDABLE & UPGRADEABLE PED CAPABILITY

Using the very wide variety of sensors and lasers built by FLIR, the SeaFLIR 280-HD offers up to 3 cameras simultaneously, plus up to 3 laser payloads and a very high precision Inertial Measurement Unit. This multi-sensor approach builds on the basic infrared and day camera package to give unrivaled options and performance for surveillance and targeting applications.

## SUPPORT AND MAINTAINABILITY ADVANTAGES

SeaFLIR 280-HD is designed for use in the most arduous locations, from high on a naval warship's mast, down to mounting on Special Forces' high speed RHIBs and interceptors:

- Very high MTBF to reduce spares and engineering support requirements
- In most cases, backwardly compatible with existing FLIR maritime sensor cabling
- Rugged design to cope with the worst conditions possible
- FLIR's worldwide network of service centres ensures that local assistance is on hand if things do go wrong

## TRIED. TESTED. TRUSTED.

- Core technologies all manufactured by FLIR – technology you can trust and rely on
- Over 1,000 maritime systems manufactured and fielded since 1998
- Meets demanding MIL standards and maritime OEM environmental requirements
- More than 25 years of maritime engineering and design experience
- Over 1,500,000 operational hours at sea an unrivaled past performance history with customers world-wide
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