



### Key Features:

- Bullet Style Camera, with Adjustable Tilt Bracket
- 316 Marine Grade Stainless Steel Case come with 10 Year Warranty\*
- Available in 400x300 Resolution
- Multiple Colour Palettes
- 17µm Pitch
- <50mK Thermal Sensitivity
- IP68 Environmental Protection
- Cosr Effective Thermal Solution
- ICE™ Image Contrast Enhancement Technology

### Applications:

- Perfect For Extreme Environments
- Work Boat & Tugs
- Fishing Vessels
- Engine Room Monitoring
- Law Enforcement & Military
- Wind Farm Vessels
- Aquaculture & Fisheries
- Luxury Vessels
- Passenger Ferries & Cruise Liners

For extreme applications, Iris's new IRIS092 fixed thermal imaging camera delivers unparalleled vision at night and in low light situations. The IRIS092 is the perfect tool for spotting obstacles at sea, on board deck, engine room and companionway safety and finding people or animals in zero light.

Developed as part of Iris's marine range, the IRIS092 is also used by police authorities, fire, search and rescue services, wind farm support vessel operators and aquaculture businesses around the world.

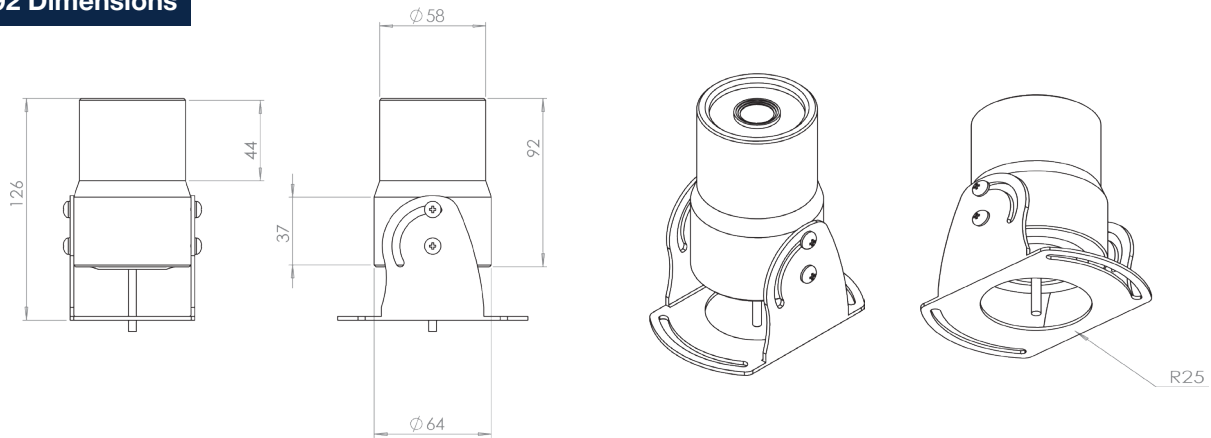
The IRIS092's key benefit is its solid marine grade stainless steel case which makes it one of the worlds toughest night vision cameras.

With a 400x300 resolution and 15mm lens, the IRIS092 is enhanced further by Iris's ICE™ Image processing feature which dynamically analysis each video frame to enhance object edges, making them easier to spot. The camera also features multiple colour palettes and 4x digital zoom.

At sea, the IRIS092 is perfect as a forward facing camera for spotting channel markers and bouys, floating debris and objects undetectable by radar. As an aft facing camera, the IRIS092 can help docking at night and monitor tenders and other objects under tow. It's extremely small form factor also make it ideal for monitoring engine rooms.

The IRIS092 is extremely compact, rugged and delivers excellent value for money, costing less than any other thermal camera in its class.

### IRIS092 Dimensions



### Specifications:

	IRIS092
Sensor	Uncooled Amorphous Silicone Microbolometer
Resolution	Sensor Resolution 400x300
Pixel Pitch	17 $\mu$ m
Video Processing	1VP~P CVBS Composite Video 75 $\Omega$
Protocols / Video Format	PAL / NTSC Selectable 30Hz/60Hz (NTSC, 360x240, 320x240) 25Hz/50Hz (PAL, 384x288, 360x288)
Focal Length	15mm/f1.0
Focus / Zoom	Fixed Focus / Digital Zoom 4x Continuous
Spectral Range	8~14 $\mu$ m
Field of View	25° x 19°
Mirroring	Horizontal / Vertical
Colour Palettes	10 Palettes
Image Enhancement	IRIS ICE® Image Contrast Enhancement
Compatibility	All MFD's with Composite Video Input, TV via AV Input, Composite DVR;s / Video Switchers
Communication	RS485 Serial Data Communication / Iris Protocol
Operating Temperature	-40 ~ +70 °C
Connections	Video: BNC 75 $\Omega$ Female Connector / DC Power Socket / 6 Pin Body Mount Connector Option
Material	316 Stainless Steel
Power	12VDC < 200mA Max.
Weight & Dimensions	Weight: XKg / Camera Body 92mm x 64mm $\phi$
Environmental	IP66 (IEC 60529)