



Key Features:

- 256x192 Thermal Resolution
- 1920x1080 Visible Camera
- IP & Analogue Outputs
- 16x Digital Zoom
- Alarm Contact
- <65mK Sensitivity
- IP66 Environmental Rating
- Extremely Robust Cast Housing
- Multiple Temperature Measurement Rules
- Motion Alarms
- Object Left / Object Removed Alarm
- Temperature Range -40°~+150°C
- Image Enhancement
- Easy to Install

The IRIS-IX8 Thermal Monitoring Camera provides boat owners, engineers, managers and mechanics peace of mind by monitoring critical equipment on board or in other hazardous environments. Use the IRIS-IX8 to keep check on engines, exhaust manifolds, electronics cabinets, shaft bearings and other vital equipment on board before serious problems develop.

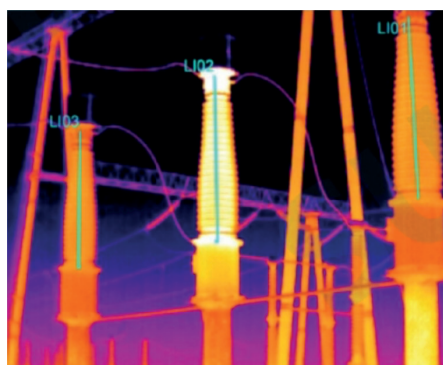
The IX8 isn't limited to marine applications. The camera is a vital tool for any process or application where temperature could be an issue, such as data center and control room monitoring, within electrical cabinets and as part of manufacturing and production lines. The IX8 can be used as a presence detection tool for monitoring Illegal Encroachment into protected areas.

With various different methods of measuring temperature (including temperature increase, temperature comparison), alarms over IP and via contact closure, motion detection, left object detection and object removed detection, the IX8 is a powerful detector with added features to complement your on board security system as well as your fire safety system.

The IX8 is nitrogen sealed and waterproof to IP66. It's housing is extremely rugged, cast from toughened aluminium and finished with a protective coating.

Applications:

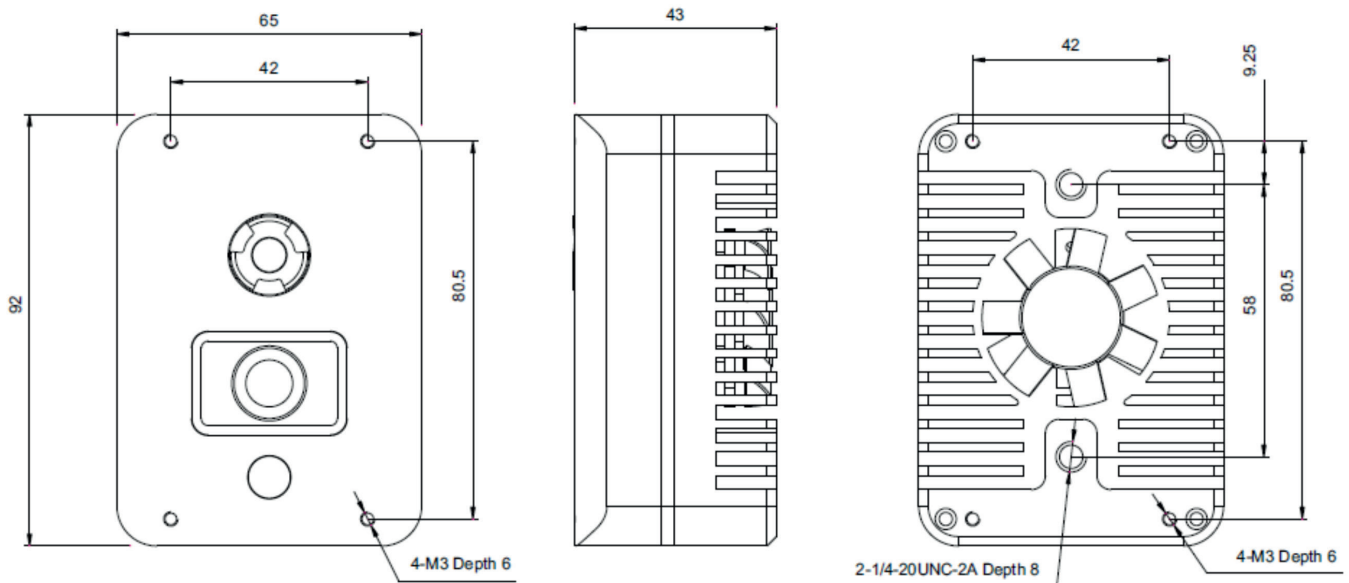
- Engine Room Monitoring
- Deck / Companion Way Monitoring
- Electrical Cabinet Monitoring
- Data-Center Monitoring
- Process / Manufacturing Monitoring
- Thermal management Applications
- Monitoring Illegal Encroachment
- Gas and Liquid Leakage Monitoring



Line Temperature Measurement example.



Area Temperature Measurement example.



Specifications:

	IRIS-IX8
Thermal Detector Type	Uncooled VOx Micro Bolometer 256 x 192
Thermal Camera Resolution	256(H) x 192(V) - Image can be scaled up to 704 x 576
Thermal Sensitivity	<65mK @ F1.0, 300K
Spectral Range	8 ~ 14µm
Image Settings	Brightness / Sharpness / Contrast / Mirror / FFC / 3D DNR
Colour Palettes	White Hot / Black Hot / Rainbow / Ironbow / + 17 additional Colour Modes
Lens / Field of View	Fixed F1.0 Lens - H: 95° x V: 75°
Visible Camera Sensor	1/2.8" Sony CMOS
Effective Resolution	1920 (H) x 1080(V)
Shutter Speed	1/5 ~ 1/20,000s
Min Illumination	0 Lux with LED ON
Lens / Field of View	Fixed F2.0 Lens - H: 136.2° x V: 77.3°
Zoom	Digital Zoom 16x
Alarm Functions	Motion Detection / Disk Alarm / I/O Alarm / Temperature Alarms
IVS	Perimeter, Single Virtual Fences, Double Virtual Fences, Object Left, Object Removed
Analogue Video Output	1V P-P Composite Video 75Ω
Power	+12VDC
Operating Temperature	-40°C ~ +150°C
Dimensions	92(H) x 65(W) x 43(D)mm
Weight	500g
Material	High Strength Aluminium Die-Cast, Anodised, Anti Corrosion Coating, Nitrogen sealed.