



IM-PTZ-16T

MINIATURE THERMAL IMAGING PTZ CAMERA



The exciting NEW IM-PTZ-16T from Iris Innovations delivers high end Thermal Imaging technology and Pan Tilt Zoom functionality at an affordable price.

- Extremely Compact housing measures 16cm high by 13cm in diameter
- Waterproof Rated to IP66
- 360° Continuous Pan / Tilt -15° ~ 90° with auto flip
- 388 x 284 Resolution
- 110,592 Total Pixels
- Uncooled a-Si Microbolometer Thermal Core
- Various Colour Palettes
- Object Tracking Feature
- Full Weather Proof / Anti Corrosion / Anti Vibration
- Multi-Protocol Telemetry Control
- Cruise, Auto Scan, Pattern Scan
- High Precision Positioning / Stable PTZ
- 100 User definable Preset Memory Positions
- Up to 40 Preset Positions can be used to form Auto Cruise Function
- Compatible with IM-DVR-04P for Remote PTZ Control
- Extremely Simple Operation

The IM-PTZ-16T is a revolutionary NEW addition to the Industry Leading Iris Innovations SeeSeaTV Range of marine camera systems, in that it's amazingly compact - measuring only **16cm high** by **13cm in diameter**. The miniature footprint lends itself perfectly to the aesthetically critical leisure marine market and certainly packs a punch in terms of high end features.

The enhanced uncooled engine outputs a 388 x 284 pixel resolution which disposes it as a class leader, and packs a multitude of features including colour palette options, object tracking, user presets and much more.

And if all this wasn't enough, the cost of the IM-PTZ-16T is in keeping with it's housing; small and desirable!

Distribution:

Iris Innovations Limited

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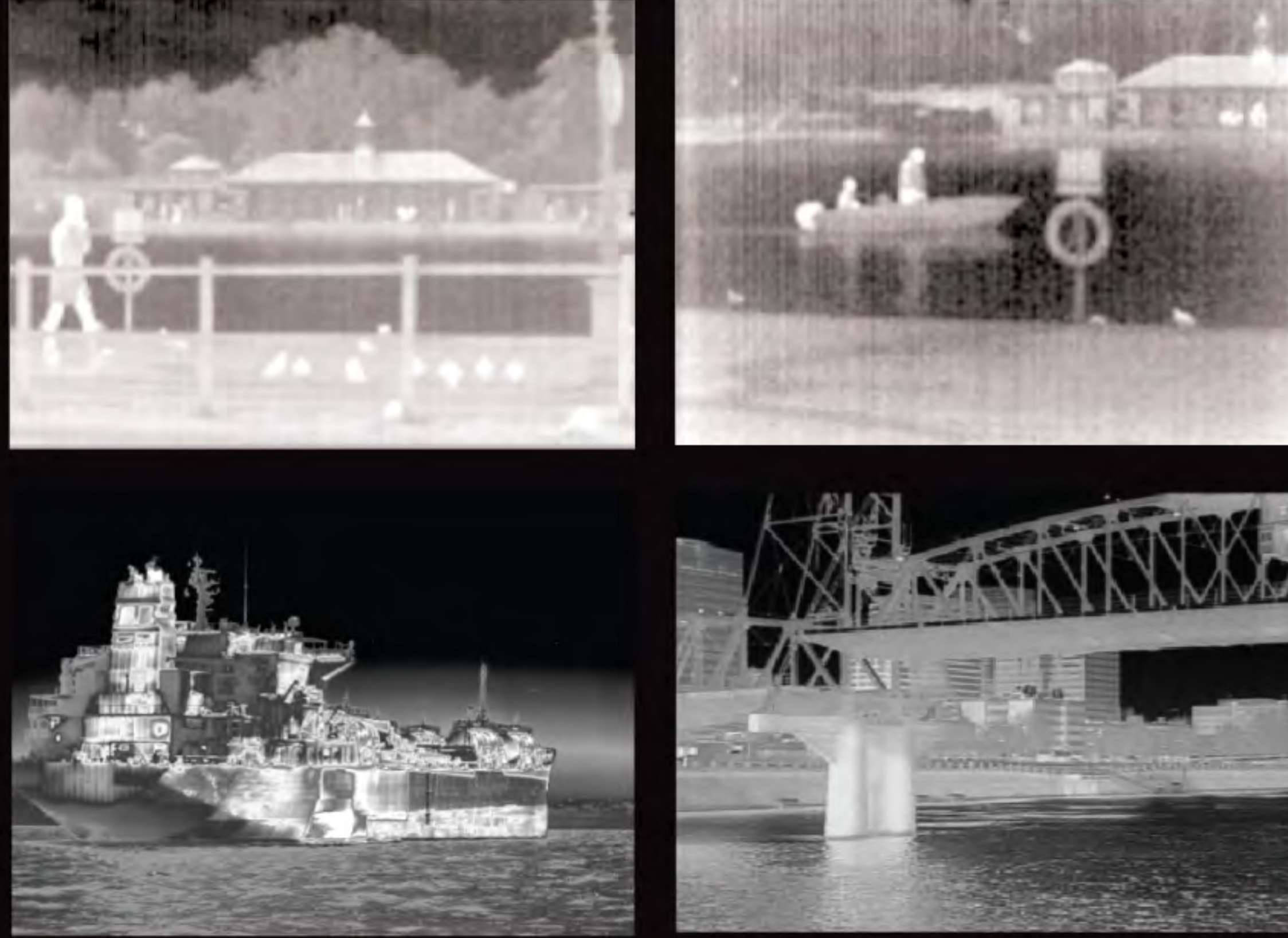


IM-PTZ-16T

Technical Information & Specifications

DIMENSIONS

Examples of Thermal Image Video



130mm

160mm

SPECIFICATIONS

Dimensions	160(H)mm x 130Ø(D)mm
Weight	1.2Kg
Material	Durable, Rugged Plastic Case. Carbon Effect Center Body Option.
Thermal Engine	Uncooled Amorphous Silicone (a-Si) microbolometer Thermal Core
Resolution	384 x 288
Total Pixels	110,592
VideoOutput	1 x BNC 1vP~P / 75Ω Composite Video PAL or NTSC
Lens	15mm Fixed Lens (35° Horizontal Field of View)
Image Frequency	8.3 or 25 Hz (PAL) / 7.5 or 30 Hz (NTSC)
Range	Detect @ 375m, Recognise @ 95m, Identify @ 47m
Pan / Tilt Speed	Pan: 0.05~240°/sec; Tilt: 0.03~160°/sec
Pan / Tilt Range	Pan: 0~360° continuous; Tilt: -15°~90° with auto flip
Shock / Vibration	Shock: MIL-PRF-28800F, Class 2 Section 4.5.5.3.1 Vibration: Shock: MIL-PRF-28800F, Class 2 Section 4.5.5.4.1
Waveband	LWIR (Long Range Infra Red) 8~15µm
Digital Zoom	2 Levels - x2 & x4
Colour Palettes	Grey Scale, Red-Black, Ironbow
Auto Hot-Spot Track	Yes
Image Flip	Yes
Control Mode	RS485 Serial / Bespoke
IP Compatibility	Via IP convertor
Relative Humidity	5% ~ 90%
Consumption	15W Max / 12VDC
Power Output	Up to 1A Max (for all cameras)
Operating Temperature	-25°C ~ + 70°C

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