

IRIS®



IRIS-095 LONG RANGE IR CAMERA

The most exciting new product in our static camera range, the Iris095 is a high performance, long range infra red, night vision camera which offers over 100 meters of visibility in total darkness - all at an affordable price!

Originally conceived for marine professionals, the versatility of this camera means that it can be used in a wide spectrum of applications from navigation at night for pleasure craft, through to search and rescue operations and law enforcement activities.

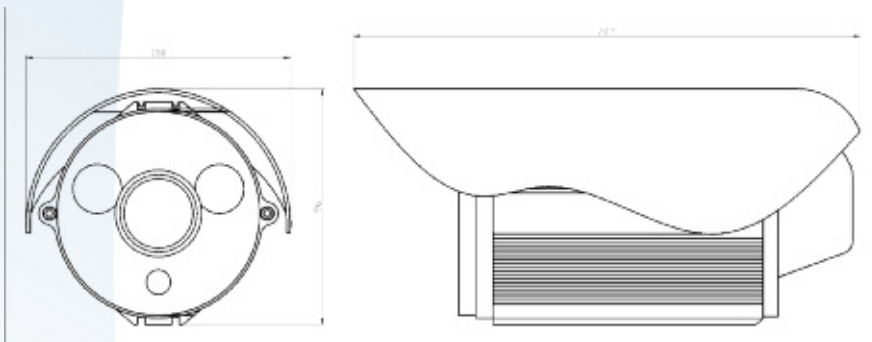
The camera incorporates a high resolution 680TVL CCD sensor and two powerful infra red illuminators that cast an invisible beam to enable the camera to function in total darkness.

The housing and sunshield are manufactured from top grade materials and powder coated in a unique, modern marine colour finish.

This product is shipped with our 'No Quibbles', three year guarantee.

Key Features:

- Available in PAL and NTSC Video Formats
- Long Range Infra Red Range ~ 100m
- Stylish Housing, Very Simple Installation
- High Resolution - 680 TVL
- Low Power Consumption / Built in Voltage Stabilization
- Compatible with all chart plotters that support composite video
- Water Resistant (IP67)
- Day / Night Operation - Switches to Mono in the Dark for clearer image



Specifications:

Sensor	1/3" Colour Sony Super HAD II CCD
Video System	PAL / NTSC
Sensitivity	0 Lux @ F1.2 (Infrared LED On)
Resolution	PAL: 752x582/ NTSC: 768x495
TV Lines	680 TVL
Scanning System	2:1 Interlace
Lens	12mm Standard Lens
Day / Night Function	Colour to Mono Switch
Video Output	1 V P~P, 75Ω Composite, BNC
Infrared Spectrum	850nm
S/N Ratio	More than 48db (AGC OFF)
Infrared LEDs	2 IR LEDs
Infrared Range	100 Meters
Gain Correction	Auto
White Balance	Auto
Electronic Shutter	Auto
Back Light Compensation	On / Off
Gamma Ratio	0.45
Day / Night Operation	Switch to Monochrome
Environmental	IP66
Synchronization	Internal
Power Supply	12VDC ± 10%, 2.1mm DC Jack
Current Consumption	250mA
Dimensions	207 x 96mm
Net Weight	900 grams
Operating Temperature	-10°C ~ +60°C

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