

IRIS®



IRIS080 VARI-FOCAL IR DOME CAMERA

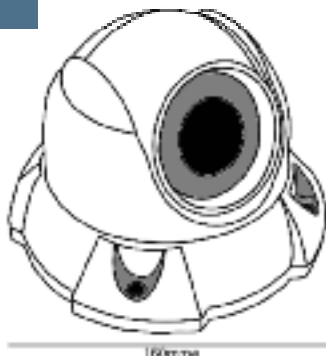
The IRIS080 comprises an extremely high resolution, true day/night colour/mono camera module with Wide Dynamic Range (WDR) signal processing for ultra high clarity in extremes of contrast environments, with a super rugged and vandalproof housing to provide a top end on board camera solution for both leisure marine and commercial marine applications.

With 40 Infra Red LED's the camera can see for 30 meters in complete darkness. A true mechanical Day/Night filter switches the image from colour to monochrome in low light conditions to provide a sharper image. As well as WDR processing, the camera also boasts 3D Dynamic Noise Reduction and a number of other features such as Mirror Image mode, configurable via an on screen menu system.

A zoom and focus setting is provided on the outside of the housing to allow the user to manually set the zoom and focus of the camera at install in order to achieve the desired field of view exactly, with a focal range of 2.9mm (wide) to 12mm (tele)

Key Features:

- Extremely Rugged Housing
- Adjustable Zoom: 2.9mm to 12mm
- Adjustable Focus
- High Resolution Camera - 700TVL
- Wide Dynamic Range Processing
- Dynamic Noise Reduction
- 30 Meters Visibility in the Dark
- Standard View / Mirror Image Selectable
- OSD Menu for Control of Extended Features via mini-joystick on Cable.



Selected Specifications:

Sensor	1/3" Colour Sony SuperHAD CCD II
Video System	PAL / NTSC (Spec when ordering)
Min Sensitivity	0.0002Lux (15IRE)
Extended OSD Functions	Via built in control on camera cable
TV Lines	600TVL / 700TVL (BW)
Shutter Speed	PAL: 1/50~1/100,000sec NTSC: 1/60~1/100,000sec
Vari-Focal Lens	2.9mm ~ 12mm
Video Output	1 V P~P, 75Ω Composite, BNC
Infrared Spectrum	850nm
S/N Ratio	More than 52db (AGC OFF)
White Balance	ATW, AWC, MANUAL
Illumination Range	Up to 30 Meters
Day Night Filter	Colour / Mono
Gain Control	Automatic
Environmental	IP66
Power Supply	12VDC ±3VDC
Consumption	550mA LEDS ON @ 12VDC
Material	Anodised Aluminum Body, Optically clear acrylic lens window
Dimensions	160mmø x 130mm
Net Weight	0.8KG
Operating Temperature	-25°C ~ +60°C