

IRIS-001

Product Information Sheet



Introducing...

Our very first, and arguably most important marine camera housing, the IRIS001 Docking Camera Unit really put Iris on the road to the recognition which today sees us at the top of our very rare tree.

Inside the IRIS001 there are TWO miniature 3.6mm colour cameras, each mounted onto a three way fully adjustable bracket, in effect, providing a similar view as if the boat was fitted with "Chameleon's eye"s" with cameras on both sides of the craft.

The camera system also sits on a rubber mounting boot to help cushion the vibration from the boats engines when manoeuvring.

To the best of our knowledge, there's nothing else like the DCS on the market, so if its 180" visibility that you're looking for down both sides of your craft, then the IRIS001 is in a league of its own!



Key Features...

UV Stabilised white toughened Polycarbonate Plastic Housing.

Each Housing contains 2 Hi-Res camera modules.

Cameras mounted on adjustable brackets for maximum flexibility.

Extremely Low Power Consumption - 120mA.

Unique, Stylish Design.

Available in a variety of Lens Options.

Mirror Image Option

PAL / NTSC Option

Specifications	
Pick Up Device	1/3" Colour Sony SuperHAD 2 CCD
TV System	PAL / NTSC
Picture Elements	752H x 582V
Horizontal Resolution	540 TVL
Sensitivity	1.0 Lux @ F1.2
Scanning System	540 TVL / 2:1 Interlace
Synchronization	Internal
Infrared Spectrum	850nm
S/N Ration	More than 50 db, (AGC Off)
Auto Gain Correction	Auto
White Balance	Auto
Electronic Shutter	Auto
Back Light Compensation	Auto
Day / Night	Available
Housing Material	Polycarbonate
Infrared Option	Not Available
Video Output	1 V p~p, 75Ω composite, BNC x 2
Gamma Ratio	0.45
Lens	f3.0mm Standard Lens (90°HFOV)
Lens Mount	M12 x P0.5mm Thread
Power Supply	12VDC ± 10%, ø2.1mm DC Jack
Power Consumption	120mA
Dimensions	140 x 88mm
Net Weight	320g
Ingress Protection	IP66
Operating Temperature	-20°C to +60°C

Iris Innovations Limited

Units 8 & 9 Swanwick Business Centre, Bridge Road
Swanwick, Hampshire SO31 7GB, UK
Tel: +44(0)1489 570797 / Fax: +(0)1489 875990
email: info@boat-cameras.com
www.boat-cameras.com