

# IRIS

# IRISx36

## Mini Recess Mount Fixed Domes, Analogue, IP & AHD Models



### Key Features:

- Available in multiple formats to suit your requirements
- Machined from 316 Marine Grade Stainless Steel.
- High Polish Finish
- High Definition 1920 x 1080 Resolution (Digital Models)
- High Resolution 1000 TVL (Analogue Model)
- PoE IEEE.802.3af (IRISS490 IP Model)
- Compatible with Raymarine / Axiom (L2 and Higher)
- Compatible with NAVICO MFD's inc. SIMRAD, Lowrance and B&G
- Extremely Low Power Consumption
- Small, Compact and Discreet
- White Powder Coat Bezel Option
- IP66 Environmental Protection

### Applications:

- Work Boat & Commercial Shipping
- Luxury Motor Yachts
- Fishing & Sports Fishing
- Ferry Boats & Passenger Vessels
- Law Enforcement & Emergency Services
- Rapid Deployment Applications
- Vehicle & Transport Applications

Introducing the IRISx36 range of recess mount, micro dome marine cameras from Iris Innovations.

For maximum compatibility the x36 series is now available in three formats:

IRIS036 Hi-Resolution Analogue Sensor, 1000TVL with composite video output

IRIS436 Hi-Def Ethernet IP Camera

IRIS1036Hi-Def Real Time iHD Digital Video Output

For the first time ever, the x36 range offers customers a choice of video formats to suit their MFD or monitoring solution. The IRIS036 will interface directly with any chart plotter that features a composite video input. Its 1000TVL resolution is the highest available for an analogue camera, and it also boasts on screen configuration functionality to set the camera up exactly as required - including a video mirror switch for rear view applications. Set up is carried out via an integrated thumb stick built into the cable tail.

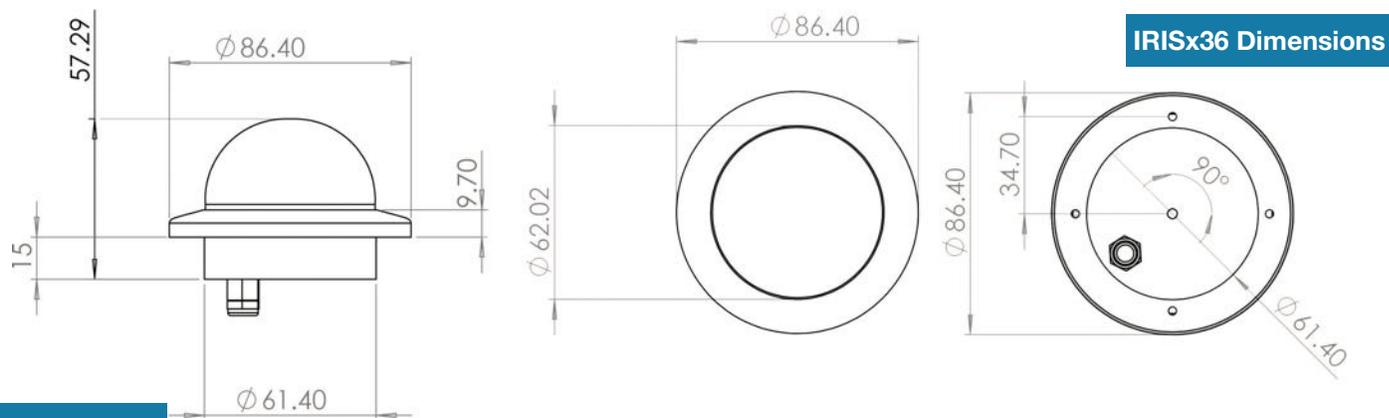
The IRIS1036 Analogue Hi-Def model outputs 1920x1080 resolution video in AHD, TVI or CVI format which provides stunning real time high definition video †.

Finally, the IRIS436 is an IP camera that will interface with Raymarine's network MFD's such as the new Axiom family and other devices running LightHouse 2 and 3 software and Furuno Timezero 4.1 and above. The camera is available with a 12VDC input as standard or with IEEE802.3af Power over Ethernet as an option.

† May require HDMI convertor or use in conjunction with IRIS HVR / DVR products.



Iris Innovations Ltd. Unit 240 Ordnance Business Park, Aerodrome Road, Gosport, Hampshire PO13 0FG. United Kingdom  
Tel: +44(0)2392 556509. email: info@boat-cameras.com. web: [www.boat-cameras.com](http://www.boat-cameras.com)



**IRISx36 Dimensions**

### Camera Options:

Model No.	Format	Resolution	Lens	Horizontal Field of View
IRIS036	Analogue	1000TVL	3.6mm Standard, 1.8mm & 2.8mm Option	3.6mm: 80° HFOV 2.8mm: 120° HFOV, 1.8mm 160° HFOV
IRIS1036	HD-TVI	1920 x 1080		
IRIS436	IP	1920 x 1080		

### Specifications:

	IRIS-S060	IRIS-S160	IRIS-S460
Sensor	1/3" Sony CCD Sensor		1/4" CMOS Sensor
Resolution	1000 TVL	1920x1080	Variable - 1920x1080P (2MP) Max
Interface	NA		RJ45 10/100 Base T Ethernet
Video Processing	1VP-P CVBS Composite Video 75Ω	HD-TVI / HD-CVI / AHD Switchable	H.264 Codec / Dual Stream
Protocols / Video Format	PAL / NTSC Selectable	HD-TVI / HD-CVI / AHD	TCP/UDP/HTTP/Multicast/UPnP/NTP/RTSP/ONVIF
Onvif	NA		Profile S v2.4
Bitrate	NA		VBR / CBR 32kbps ~ 8Mbps
Illumination	NA		
Lens / Field of View	3.6mm Standard (80° HFOV) / 2.8mm Option / 1.8mm Wide Angle Option		
Mirroring	Horizontal & Vertical - Configure via OSD Menu		Horizontal & Vertical - Configure via Browser
Automatic Gain Control	Supported / Multiple Levels		
Compatibility	All MFD's with Composite Video Input, TV via AV Input, CMAC Camera Management Systems	MFD's with Digital (HDMI/DVI) Input with TVI-HDMI Converter, MFD's via IRIS NVR/HVR, CMAC Camera Management Systems	Raymarine / Axiom (LH2 or higher), NAVICO MFD's inc SIMRAD / LOWRANCE, B&G, Furuno Timezero v4.1 and higher. PC based systems, MFD's with digital (HDMI / DVI) Input, MFD's via IRIS NVR/HVR, IE Browser, CMAC systems
Operating Temperature	-30 ~ +60 °C		
Connections	Video: BNC 75Ω Female Connector / DC Power Socket		Water Resistant RJ45 Socket / DC Power Socket / Female BNC (1090)
Material	316 Stainless Steel / Acrylic Dome		
Power	12VDC < 200mA Max.		PoE IEEE802.3af / 12VDC <200mA Max.
Weight & Dimensions	Weight: 0.25Kg / Dimensions: 86.5mmø x 58mm (Panel Cut Out 62mm)		
Environmental	IP66		

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