



IRISx106

Mini Recess Mount PTZ Domes, Analogue, IP & iHD Models



Introducing the amazing, new IRISx106 range of recess mount, controllable micro PTZ dome marine cameras from Iris Innovations.

Redesigned for 2017, the IRISx106 is now available in three formats:

IRIS106 Hi-Resolution Analogue Sensor, 1000TVL with composite video output

IRIS4106 Hi-Def Ethernet IP Camera Module, 10x Optical / 10x Digital Zoom

IRIS1106 Hi-Def Real Time iHD Digital Video Output

For the first time ever, the x106 range offers customers a choice of video formats to suit their MFD or monitoring solution.

The IRIS106 will interface directly with any chart plotter that features a composite video input. Its 1000TVL resolution is the highest available for an analogue camera,

The IRIS1106 will interface directly into Raymarines GS195 MFD. When used in conjunction with the appropriate plug in adapter, the IRIS1106 will also interface with any Garmin, Navico, Furuno or Raymarine MFD with a digital input such as HDMI or DVI.

Producing broadcast quality real time video, the IRIS1106 is a plug and play device and does not require network configuration and management.

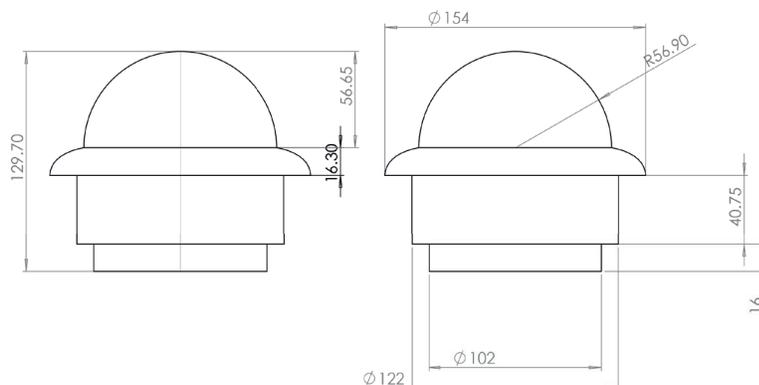
Finally, the IRIS4106 is an IP camera that will interface with Raymarines network MFD's such as the new Axiom family and other devices running LightHouse 2 and 3 software. The camera is available with both a 12VDC input and with IEEE802.3af Power over Ethernet, which vastly simplifies cabling and reduces costs.

The IRIS4106's crisp, clear video can be viewed by up to 32 users at a time across your boats on board network and also features a high level of user configuration in order to configure the camera to suit your installation - including video mirror for rear view applications.

Because the camera is a network device, you can also view live streamed video across a wireless network on your phone, tablet or computer.

Key Features:

- Marine Grade 316 Stainless Case
- Smallest PTZ dome available (86mmø)
- 3 SKU's, Analogue, iHD and IP
- Huge Compatibility
- Easy Installation & Low Power
- Stylish High Polished Finish
- Fast, Responsive pan, tilt zoom operation.



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IRISx106

IRISx106 Range Product Specifications

Model	IRIS106	IRIS1106	IRIS4106
Image Sensor	1/3" Panasonic CMOS		1/4" Omnivision OV9712
Image Processing	Composite	HD-SDI	H.264 Video Codec, Dual Stream 1-30fps adjustable
Effective Pixels	1944(H) x 1092(V) Approx 2.12M Pixels		921,600
Resolution	1000TVL	1080P/720P	1080P/720P
Min Illumination	0.1 Lux (Colour) / 0.01 Lux (B/W)		
Illumination	NA	NA	NA
IR Distance	NA	NA	10m
Day / Night	Auto / Day / Night		
S/N Ratio	>48dB	>48dB	>50dB
Lens	F1.8 / F=4.9mm ~ 49mm		
Optical Zoom	10x	10x	10x
Digital Zoom	10x	10x	10x
Wide Dynamic Range	Off / Low / Middle / High (WDR SNR 120dB)		Supported
BLC	Off / BLC		Supported
3D DNR	Off / Low / Middle / High		Supported
Mirroring	Horizontal Flip / Vertical Flip		
AGC	0~32		
Pan Details	360° Continuous Rotation / Speed 0.5~300° sec		
Tilt Details	0 ~90° / Speed 0.5~300° sec		
Network	NA	NA	Ethernet RJ45 (10/100 Base-T)
Protocol	PELCO-D / RS485 serial data	PELCO-D / RS485 serial data	TCP/UDP/HTTP/MULTICAST/UPnP/NTP/RTSP/ONVIF-S 2.4
Power over Ethernet	NA	NA	Supported
P2P	NA	NA	Supported
Smart Phone	NA	NA	Android / iOS
Compatibility	All MFD's with Composite Video Input	All MFD's with Digital Video Input (HDMI-DVI with adapter)	PC Based Systems. For latest MFD compatibility please contact IRIS.
Max Users	NA	NA	32 Users
Power	+12VDC		+12VDC / PoE IEEE802.3af
Power Consumption	0.8A Max		1A Max
Operating Temp	-20°C ~ + 60°C		-35°C ~ + 60°C
Dimensions	Bezel OD = 154mm, Panel Cutout = 122mm, Depth Behind Panel = 58mm (For IRIS4106 model additional space should be allowed for RJ45 Connector), Draft = 73mm		
Ingress Protection	IP66		
Weight	1.1Kg		
Material	316L Stainless Steel Bezel, Polycarbonate Dome, ABS Plastic Housing		



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