

# IRIS®



## IRIS106 Micro PTZ with 3" Dome

The IRIS106 Micro PTZ has been especially designed to provide boat owners an all round, cost effective camera option that packs a punch in terms of high end features and actually complements the boats aesthetic. No longer are boat owners restricted to using over priced, over sized and damn right ugly domestic CCTV cameras on their boats.

Complete with a high resolution, day/night Sony camera module with 10x Optical and 10x Digital zoom, the camera is housed in a sleek stainless steel and ABS housing that's crowned with a tiny 3" mirrored dome for added privacy. A combination of powerful motors and lightweight design make the pan and tilt action of the camera extremely quick and light. Tilt movement automatically triggers an image-flip when the camera passes it's apex so as to keep the on screen image permanently upright. A mechanical Day/Night filter switch the image from colour to monochrome in low light conditions to maintain image clarity in the dark.

As with all PTZ cameras in Iris's extensive marine range, the IRIS106 also features over 100 user preset positions, configurable scans and tours and proportional speed control. The 106 also features a built in fan to counter condensation and keep the unit cool in high temperatures.

### Key Features:

- Ultra Miniature Fully Controllable PTZ Camera
- 316 Stainless Steel Bezel (White ABS and Walnut Effect Options)
- 360° Continuous Rotation Pan / 180° Tilt with Auto-Flip
- Built In Fan for cooling and Anti-Condensation
- High Resolution SONY Camera - 650TVL
- Impressive 10x Optical & 12x Digital Zoom
- High Speed Pan and Tilt Operation
- Dynamic Noise Reduction
- Extended Feature Configuration / Operation from OSD Menu's
- Extremely Compact & Rugged Construction.

### Selected Specifications:

Camera Module	1/3" SONY Exview HAD module
Video System	PAL / NTSC
Effective Pixels	976(H) x 582(V)
Horizontal Resolution	650 TVL
Signal / Noise Ratio	50db (AGC off)
Optical Zoom	10x
Digital Zoom	10x
Focal Length	F1.8, f=3.8mm - 38mm
Minimum Illumination	0.7 lux (colour) / 0.02 lux (monochrome)
Video Output	1 V P~P, 75Ω Composite, BNC
Day / Night Operation	Automatic
Focus Option	Auto / Manual / Semiauto
Iris	Auto / Manual
Shutter Speed	x128 - 1/120000sec, Anti Flicker
AGC	Normal / High / Off
White Balance	Auto/Manual
Back Light Compensation	Low / Middle / High / Off
Dynamic Noise Reduction	Low / Middle / High / Off
Pan / Tilt Speed	0.05° ~ 360° sec proportional to zoom
Presets	128
Patterns	4 Pattern, 1200 commands
Other Functions	Auto Flip, Auto Park, Power up Action
Communication	RS485 / Pelco D / P
Power	DC 12V / 1A Max
Dimensions	116mmx122mm (58mm behind bezel)
Net Weight	0.6KG
Operating Temperature	-30°C ~ +60°C

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