

IRIS®



IRIS117 & 118 Marine PTZ Cameras

Introducing the latest additions to our 100 series, marine grade Pan, Tilt, Zoom cameras, the 117, with High Power white LED's and 118 with Long Range Infra Red LED's.

The IRIS116 range incorporates the same high quality SONY FCB EX985 low light camera module as our popular PTZ16 range with a choice of an incredible 28x or 36x Optical Zoom, each with an additional 12x Digital Zoom. Both models feature a built in lens de-mister.

With a choice of high bright white LED or long range infra red LED illumination, Iris deliver a low cost, night vision camera that enhances situational awareness, assists searches and fits in as an integral part of any on board security system.

The camera is ideally suited for extreme weather conditions with its IP66 ingress protection rating, and operates over a wide voltage range and features a multitude of extended functions such as the new Wide Dynamic Range feature which increases clarity in extreme light conditions, Digital Noise Reduction and Digital Image Stabilization.

The IRIS116 range can be controlled with Iris's new IRIS565 multi-functional touch screen controller, IRIS516 and IRIS517* Joystick Controllers. (* IRIS517 has restricted functionality.)

Key Features:

- IR Illumination Range - 30m (117 & 118-28) / 60m (117 & 118-36)
- Low Power Consumption
- 360° Continuous Rotation Pan / 215° Tilt with Auto-Flip
- Built In Heater / Defroster
- High Resolution SONY Camera - 550TVL
- Impressive 28x / 36x Optical & 12x Digital Zoom
- Digital Image Stabilization
- Digital Noise Reduction
- Wide Dynamic Range to counter glare from bright sunshine
- Extremely Compact & Rugged Construction.

Selected Specifications:

Camera Module	Sony FCB-EX985
Video System	PAL / NTSC
Sensitivity	0 Lux @ F1.2 (Infrared LED On)
Resolution	PAL: 752x582 / NTSC: 768x494
TV Lines	550 TVL
Image Stabilization	On / Off
Lens Options	28x Optical Zoom / 36x Optical Zoom
Horizontal Field of View	55.8° ~ 2.1° (28x) / 57.8° ~ 1.7° (36x)
Digital Noise Reduction	1~5 Steps
Video Output	1 V P~P, 75Ω Composite, BNC
Infrared Spectrum	840nm / 940nm (28x) / 840nm (36x)
S/N Ratio	More than 50db (AGC OFF)
Infrared Range	30m (28x) / 60m (36x)
Lamp Range	60m
Illumination Switching	Manual (117) / Manual & Auto (118)
Colour Temperature	6500K
Wide Dynamic Range	Yes (150X)
Day Night Filter	Mechanical Colour/Mono
Pan Speed	0.04° ~ 120° sec adjustable
Tilt Speed	0.3° sec ~ 90° sec adjustable
Environmental	IP66
Protocol	Pelco D / Pelco P
Power Supply	8~36VDC
Current Consumption	1.8A Max (Motor Drive & Illumination On)
Dimensions	130mmø x 160mm
Net Weight	1.6KG
Operating Temperature	-45°C ~ +65°C

marine camera systems
www.boat-cameras.com

MANUFACTURERS OF
MARINE CAMERA SYSTEMS
SINCE 2002