



IRIS

IRIS-A4295 / A4395

Compact Dual Spectrum - IP+Visible Spectrum IP PTZ Camera 384x288 / 640x512



Key Features:

- Dual Spectrum Cameras - Thermal & Visible Spectrum
- Visible Spectrum Camera 2MP HD Resolution 10x Optical Zoom
- Thermal Cores available in 384x288 (A4195) and 640x512 (A4395) Resolutions - 4x Digital Zoom
- Miniature - Lightweight Compact Form Factor
- Dimensions 206mm x 160mmø / 2Kg Weight
- Available with single IP address or dual IP addresses
- Side mount or Rear mount Waterproof Cable Connector
- Push Lock Quick Connector - IP66
- 12µm Pixel Pitch
- Features IP and RS485 Serial Data Control
- 750mA @ +12VDC Power / 8.4W
- IP66 Environmental Rating

Applications:

- Marine Navigation & Safety
- Security & Surveillance
- Law Enforcement & Search and Rescue
- Perimeter Security & Monitoring
- Low Cost / Small Vessel Situational Awareness
- Work Boat & Commercial Shipping
- Sports Fishing / Commercial Fishing
- Rapid Deployment & Portable Surveillance
- Vehicle & Transport Applications

Introducing the new Atom Range, A4295 and A4395 dual spectrum IP PTZ cameras from Iris Innovations.

With two thermal resolution options, the cameras also feature a 2MP high definition visible spectrum camera core with excellent low light performance, sharp footage and 10x optical zoom capabilities.

Available with side entry or base entry cable options, the cameras are built into a robust yet compact waterproof case, designed to protect the unit from the harshest environmental conditions.

Each camera module has its own IP address meaning the cameras can be configured, controlled and switched seperately, and are compatible with many leading marine chart plotters.

An RS485 Serial Data connection is also provided to maximise control options, meaning as well as via an NVR or computer, the cameras can also be controlled from Iris's CMAC range of camera management systems or CCTV joystick controllers supporting the Pelco-D protocol.

With its rugged, compact footprint and extremely competitive pricing, our new IP PTZ cameras are the perfect solution for vessels of all types and sizes and our industry leading thermal imaging technology opens up a world of boating at night in safety.

The A4295 and A4395 cameras are both ONVIF compliant and NDAA compliant.

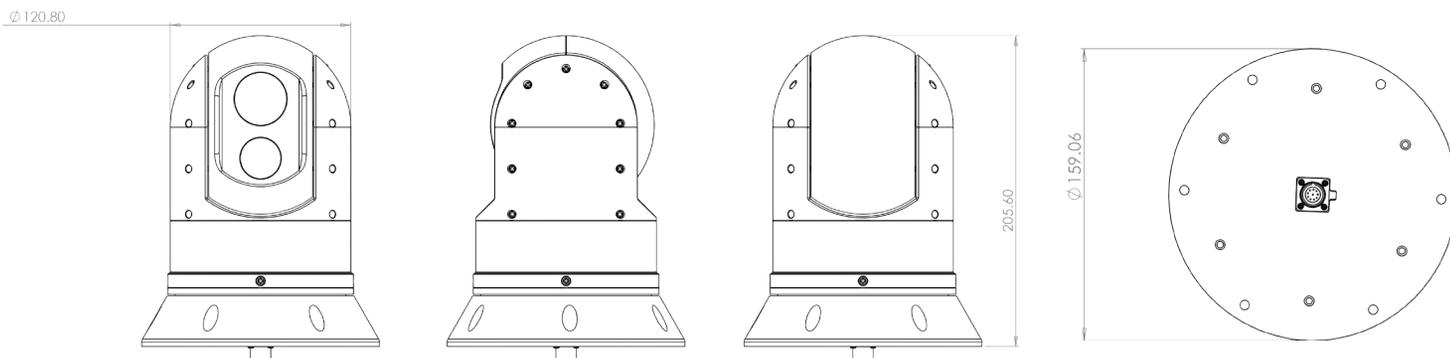


Iris Innovations Ltd. Unit 240 Ordnance Business Park, Aerodrome Road, Gosport, Hampshire PO13 0FG. United Kingdom
Tel: +44(0)2392 556509. email: info@boat-cameras.com. web: www.boat-cameras.com

IRIS

IRIS-A4295 / A4395

Compact Dual Spectrum - IP+Visible Spectrum IP PTZ Camera 384x288 / 640x512



Specifications:

	IRIS-A4295	IRIS-A4395
Thermal Camera Resolution	384 x 288	640 x 512
Thermal Camera Lens	19mm	
Pixel Pitch	17µm	12µm
Refresh Rate	25/30Hz	
Colour Palettes	White Hot / Black Hot / Fulgurite / Iron Red / Hot Iron / Medical / Arctic / Rainbow 1 / Rainbow 2 / Tint	
Image Enhancement	ICE® Image Contrast Enhancement - 7 Levels	
Zoom	x4 Smooth Digital Zoom - Continuous	
Visible Spectrum Camera	1/2.8" High Performance Low Illumination SONY CMOS Sensor IMX327	
Resolution	1920 x 1080 25/30 frames/sec	
Focal Length / Iris / Zoom	F = 4.7mm ~ 94mm / F1.6 ~ F3.5 / 20x Optical Zoom	
Compression	H.264 / H.265	
Bit Rate	32Kbps ~ 16Mbps	
Frame Rate	1-25fps(50Hz) / 1-30fps(60Hz)	
Streams	Supports dual stream, main stream (1080P; 960P; 720P), Sub Stream (D1; VGA; CIF)	
Cellular / Wifi / GPS	Optional - Contact Iris for Details	
Protocols	Network Protocols: ONVIF Profile S / Others TBC Serial Data: RS485 / Pelco D	
Power Requirements	+12vDC / 750mA / 8.4W	
Dimensions / Weight	160mm ø x 206mm(H) / 2Kg	
Environmental / Certification	EN60529 / IP66 / TBC	
Cable Options	Side Entry / Base Entry	
CGEA Rating / NDAA	6A003B4B / Check regional laws for export restrictions / NDAA Compliant	

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