



**IRIS A118 Compact
4 In 1 Analogue Hi
Def PTZ Camera**



IRIS A118 Compact 4 In 1 Analogue Hi Def PTZ Camera Owner's Manual

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IRIS A118 Compact 4 In 1 Analogue Hi Def PTZ Camera



Compact, Hi-Definition Controllable 4-in-1 Analogue Hi-Def PTZ Camera, 30x Zoom

Introduction

- Introducing the new Atom Range, A118 Multi Format Analogue Hi-Def Rugged PTZ Camera with 30x Optical Zoom and Hi-Power LED Illumination.
- Available with side entry or base entry cable options, the A118's high-definition camera module is built into a robust yet compact water-proof gimbal mount enclosure, designed to protect the unit from the harshest environmental conditions.
- The A118's multi-format camera module can be configured to output 3 analogue high-definition formats (HD-TVI / CVI & AHD) or standard definition composite (CVBS) video, maximizing compatibility with the latest video management and recording systems or fitting into legacy installations. The camera is equipped with leading digital image processing features such as noise reduction, image enhancement, wide dynamic range technology and boasts a powerful 30x optical zoom lens to identify targets at extreme distance. An array of high power infrared LED illuminators is built into the brow of the camera to provide visibility in the dark to a range of up to 100 meters. The camera's image processing features work to boost the image gain in order to provide maximum clarity in low light.
- The camera is controlled over an RS485 Serial Data connection using industry-standard Pelco D CCTV control communications for super accurate, high-speed positioning. As well as offering ultra-responsive pan and tilt control with proportional zoom operation, the camera boasts up to 100 user preset positions and a range of scans and user-configurable automated tours.
- With its rugged, compact footprint and extremely competitive pricing, our new Atom range of 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.

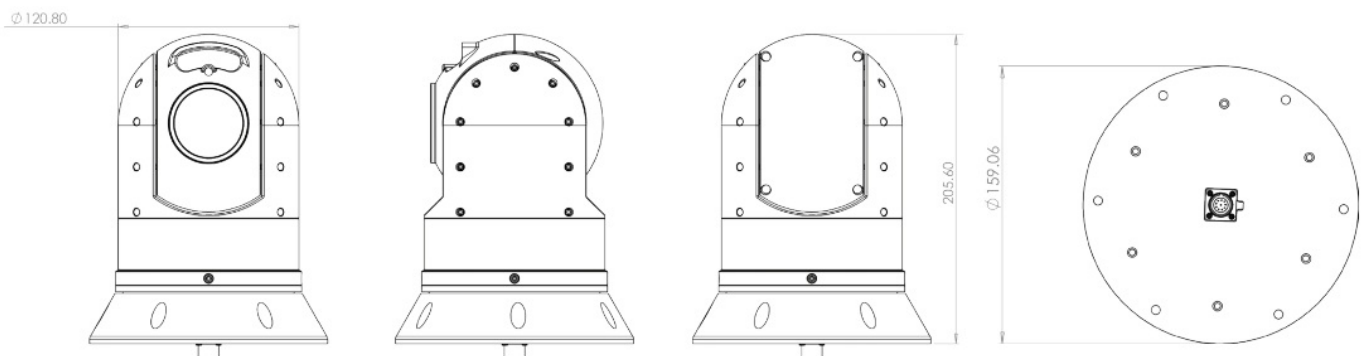
Key Features

- Visible Spectrum Camera with 30x Optical Zoom
- 4-in-1 User Selectable Video Format
- 1920 x 1080P (HD-TVI / HD-CVI / AHD Hi-Def Formats)
- Composite Video (CVBS) Format (Standard Definition)
- Miniature – Lightweight Compact Form Factor
- Dimensions 206mm x 160mmø / 2Kg Weight
- High Power Infrared LED's – Up to 100m Range
- True Day/Night Operation with IR Cut Switch
- Side mount or Rear mount Waterproof Cable Connector
- Push Lock Quick Connector – IP66
- RS485 Serial Data Control / Pelco D Protocol
- Operates at +12VDC or PoE+ (IEEE802.3at / PoE A Standard)
- IP66 Environmental Rating
- Available in White, Black & Other color options

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

DIMENSION



Specifications

	IRIS-A418
Camera Resolution	1920 x 1080P (HD-TVI / HD-CVI / AHD Formats) / 960P (CVBS)
Sensor	1/2.8" High Performance Low Illumination CMOS Sensor (IMX327)
Zoom	30x Optical Zoom
Iris	F1.6 ~ F3.5
Focal Length	4.7mm ~ 141mm
Image Enhancement	DWDR
IR Range	4 x High Powered Infrared Lamps, 2 Groups (Low Beam / High Beam) Brown Glass Filter, Infrared Distance up to 100m (328ft)
Home Position	Supported
Snapshot Storage	Optional – (D1/720P/1080P (default) / Contact Iris for Details
Cellular / Wifi / GPS	Optional – Contact Iris for Details
Protocols	Serial Data: RS485 / Pelco D
Power Requirements	+12vDC / 2000mA Max (IR ON) / 24W Max / PoE IEEE802.3at PoE+
Dimensions / Weight	160mm ø x 206mm(H) / 2Kg
Environmental / Certification	EN60529 / IP66 / TBC
Cable Options	Side Entry / Base Entry
CGEA Rating / NDAA	No Export Restrictions / NDAA Compliant / EAR99


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Documents / Resources

	<p>IRIS A118 Compact 4 In 1 Analogue Hi Def PTZ Camera [pdf] Owner's Manual A118, A118 Compact 4 In 1 Analogue Hi Def PTZ Camera, Compact 4 In 1 Analogue Hi Def PTZ Camera, 4 In 1 Analogue Hi Def PTZ Camera, Analogue Hi Def PTZ Camera, PTZ Camera, Camera</p>
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References

-  [Your Ultimate Guide to Cameras and Photography](#)
- [User Manual](#)

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