

# OTAQ Eagle 180 & 360 IP Cameras

Underwater 4K Orbital Field Of View Cameras



OTAQ Eagle IP™ 180 and 360 cameras deliver an incredible blend of high performance specifications and features in a cost effective package. With market leading field of view (FOV), distortion correction and in vision orbital movement the Eagle IP 180 & 360 cameras enable wide field image capture and manipulation on a previously unobtainable budget.

A single Eagle IP 180 camera gives a highly impressive 180° FOV, while the 360 version generates a full 360° FOV 'orbital' image. The software corrects for image distortion and generates 'back to back' imagery when deploying the 360 version in a single viewing window.

Via the topside software, the operator has full orbital viewing control removing the requirement of a costly mechanical pan & tilt. The operator can pan, tilt, rotate and zoom within the live video feed with all content in the image viewable.

Small, lightweight and requiring a 10/100 BaseT ethernet connection, the cameras can be deployed on small inspection class ROVs, AUVs and landers and are ideal for operations where situational awareness is a must.



Product Name	OTAQ Eagle 180 / 360 4K IP Cameras
Technology	180° / 360° Field of View, 8 megapixel 4K advanced underwater cameras using IP Ethernet communications
Markets	Offshore Energy, Oceanographic Research, Nuclear Energy
Applications	<ul style="list-style-type: none"><li>• Situational awareness</li><li>• ROVs of all sizes</li><li>• AUVs</li><li>• Fixed installations</li><li>• Landers</li><li>• Nuclear</li></ul>
Models	180 & 360° FOV Dome Camera - 4K Colour Camera, Fixed Focus, 300m – 4000m
Notes	<ul style="list-style-type: none"><li>• Advanced software enables 'Back to Back' image generation and correction</li><li>• Full 180° / 360° real-time viewing and software based zoom capability</li><li>• Orbital viewing removes requirement for mechanical pan &amp; tilt</li><li>• Enables 'single pass' image capture of work site</li><li>• Enables post process reviewing of work site</li></ul>

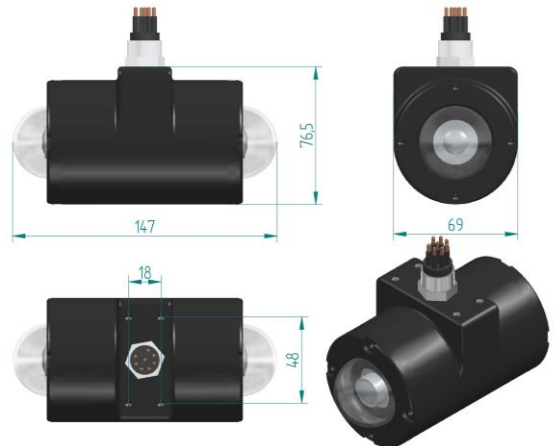
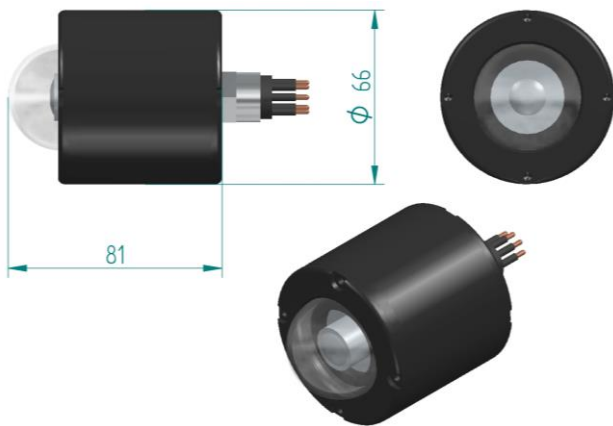
# OTAQ Eagle 180 & 360 IP Cameras



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Eagle IP 180°	180° 4K Underwater Colour Camera
Resolution & Frame Rate	8 Megapixel / 4K / 3840 x 2160P @ 15 FPS (variable)
Communication	10/100 BaseT Ethernet
Compression Protocol	H.264 & H.265
Focus	Fixed with digital zoom
Field of View	180 Degrees
Min. Light Level	0.01 Lux
Dimensions	81 x 66 mm
Weight	250g in air / 0g in water
Depth Rating	300m
Material	Acetal
Power	18-20VDC @ 200mA
Connector	MCBH-6-M (options available)
Topside	Software GUI, laptop

Eagle IP 360°	360° 4K Underwater Colour Camera
Resolution & Frame Rate	2 x 8 Megapixel / 4K / 3840 x 2160P @ 15 FPS (variable)
Communication	10/100 BaseT Ethernet
Compression Protocol	H.264 & H.265
Focus	Fixed with digital zoom
Field of View	360 Degrees
Min. Light Level	0.01 Lux
Dimensions	147 x 69 x 48 mm
Weight	460g in air / -90g in water (floating)
Depth Rating	300m
Material	Acetal
Power	18-20VDC @ 500mA
Connector	MCBH-6-M (options available)
Topside	Software GUI, laptop



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