Eagle IP™
180 & 360 Cameras

OTAQ – 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.

OTAQ Eagle 180/360 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	Situational awareness ROVs of all sizes AUVs Fixed installations Landers Nuclear
Models	180 & 360° FOV Dome Camera - 4K Colour Camera, Fixed Focus, 300m – 4000m
Notes	Advanced software enables 'Back to Back' image generation and correction Full 180° / 360° real-time viewing and software-based zoom capability Orbital viewing removes requirement for mechanical pan & tilt Enables 'single pass' image capture of work site Enables post process reviewing of work site

Eagle IP 180	180° 4K underwater color 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 color 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	180 degrees
Min. light level	0.01 Lux
Dimensions	147 x 69 x 48 mm
Weight	250g in air / 0g in water
Depth rating	300m
Material	Acetal
Power	18-20VDC @ 500mA
Connector	MCBH-6-M (options available)
Topside	Software GUI, laptop