

# OTAQ



OTAQ

## CAMERAS - EAGLE IP 120, 180 & 360

**Description of Solution :** 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 and 360 cameras enable wide field image capture and manipulation on a previously unobtainable budget.

- 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 and tilt
- 24h real-time monitoring and recording

### Economic and Environmental Benefits

- Low cost and low power proven solution that enables fixed installation monitoring.

**Function and Application :** Proven in Aquaculture, Offshore Energy and Oceanographic Research, Eagle 180 / 360 cameras have been deployed in applications including;

- Situational awareness
- ROVs of all sizes
- AUVs
- Fixed installations
- Seafloor landers

**Availability :** Market readiness, trademark, existing market coverage, commercialization strategy

Typically available off the shelf, Ex-works Aberdeen Scotland.

## SPECIFICATION : Technical aspects of the solution

Model	Eagle IP 120°	Eagle IP 180°	Eagle IP 360°
<b>Resolution and Frame Rate</b>	8 Megapixel / 4K / 3840 x 2160P @ 15FPS (Variable)	8 Megapixel / 4K / 3840 x 2160P @ 15FPS (Variable)	2 x 8 Megapixel / 4K / 3840 x 2160P @ 15FPS (Variable)
<b>Communication</b>	10 / 100 BaseT Ethernet	10 / 100 BaseT Ethernet	10 / 100 BaseT Ethernet
<b>Compression Protocol</b>	H.264 and H.265	H.264 and H.265	H.264 and H.265
<b>Focus</b>	Fixed with digital zoom	Fixed with digital zoom	Fixed with digital zoom
<b>Field of View</b>	120 Degrees	180 Degrees	360 Degrees
<b>Min. Light Level</b>	0.01 Lux	0.01 Lux	0.01 Lux
<b>Dimensions</b>	81 x 66 mm	81 x 66 mm	81 x 66 mm
<b>Weight</b>	250g in air / 0g in water	250g in air / 0g in water	460g in air / -90g in water (floating)
<b>Depth Rating*</b>	300 / 6000m	300 / 6000m	300 / 6000m
<b>Material</b>	Acetal / Titanium	Acetal / Titanium	Acetal / Titanium
<b>Power</b>	18-20VDC @ 200mA	18-20VDC @ 200mA	18-20VDC @ 500mA
<b>Connector</b>	MCBH-6-M (options available)	MCBH-6-M (options available)	MCBH-6-M (options available)
<b>Topside</b>	Software GUI, laptop	Software GUI, laptop	Software GUI, laptop



### Requirements : to adapt the solution to the local market and potential applications/market size

No adaption required. Proven in Aquaculture, Offshore Energy and Oceanographic Research, Eagle 180 / 360 cameras have been deployed in applications including; situational awareness, ROVs of all sizes, AUVs, fixed installations and seafloor landers.

### On-site After Sales Service Support :

Free of charge online support and training as required.

### Targeted and Type of Local Business Partners :

- Open to discussion.
- Underwater services and technical experience essential.

**Company Overview :** From aquaculture to offshore energy, OTAQ delivers and supports world class marine technology products. Innovation, experience and quality are the values at the heart of everything they do and have earned them the trust of their customers across the globe. All OTAQ products are designed, developed, manufactured and tested in house to the very highest standards.

### Contact :

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