



TRiOCam-IPQ

Quad Camera
Ethernet Underwater camera

The SeaTRiO Multi-View Subsea Camera System is a unique four-way imaging solution designed for use on ROVs, AUVs and manned submersibles. Housed in a compact and robust enclosure, the system integrates four high-resolution Ethernet cameras and high-intensity illumination in each direction, providing a complete 360° visual perspective. This configuration makes it ideal for mounting on top of ROVs or submersibles as a periscope-style observation system, delivering exceptional situational awareness in challenging underwater environments.

Each camera delivers HD video with excellent low-light performance, ensuring clear imagery even in the darkest conditions. Illumination is provided by 2000-lumen LEDs per direction, precisely matched to the cameras for balanced, high-quality footage. The system is equipped with scratch-resistant sapphire windows for long-term optical clarity and durability under harsh subsea conditions. Power and data are managed through a single 6-pin Micro connector, simplifying integration and minimizing cabling.

Together, these features make the SeaTRiO camera system a versatile and reliable imaging platform for inspection, navigation, and observation tasks where space, weight, and performance all matter.

Lens	2.8mm
Angle of view Horizontal	106° in Air, 77° in water
Angle of view Vertical	56° in Air, 41° in water
Power	12-30VDC @ 3.1A Max
Operating temperature	-5° to 45° C
Transmission	H.264, H265, ONVIF, RTSP
Resolutions	720p; 1080p; 1296p; 1440p
Latency	150ms (approx.)
Light sensitivity	0.001Lx
Illumination	2000lm in each direction
Connector	MCBH8M, others on request



Model	TRiOCam-IPQ1500
Depth rating	1500 meters
Length	130mm
Width	130mm
Height	64mm
Weight in Air	2200g
Weight in Water	1200g
Material	Anodised Aluminium