

TRiOCam-IPX

TRiONet HD Camera
With integrated light
And transmission over coax or twisted pair

The SeaTRiO Underwater TRiONet Camera, high-performance imaging solution designed for ROVs, diving systems, and subsea inspection applications. Delivering high-definition IP video over existing twisted-pair or coaxial cables, it provides a simple and cost-effective upgrade for legacy analogue and SD camera systems. With the option to transmit both power and data over a single cable, installation is simplified while making use of existing infrastructure.

Housed in a rugged anodised aluminium enclosure with a scratch-resistant sapphire front window, the camera is rated to 1,500 metres, making it ideal for shallow-water ROVs, commercial diving, aquaculture, and marine inspection. An integrated 2,000-lumen LED light is fully controlled via the TRiOVision topside software, while the built-in pressure sensor provides real-time depth information that is overlaid directly onto the live video, giving operators instant feedback during underwater operations.

Supplied with intuitive TRiOVision software for live viewing, recording, configuration, and system monitoring, the SeaTRiO Underwater TRiOCam Camera combines HD imaging, integrated lighting, TRiONet transmission, and depth sensing in a compact, reliable package, offering an easy upgrade path for existing subsea camera systems.



Lens	**2.8mm**
Angle of view Horizontal	**106° in Air, 77° in water**
Angle of view Vertical	**56° in Air, 41° in water**
Power	**19-30VDC @ 750mA**
Operating temperature	**-5° to 45° C**
Transmission	**H.264, H265, ONVIF, RTSP via STP or coax**
Resolutions	**720p; 1080p; 1296p; 1440p**
Best case Latency	**150ms**
Maximum light sensitivity	**0.001Lx**
Light output	**2000lm**
Light control	**TCP controlled.**
Pressure Sensor	**High precision pressure sensor, customer selectable ranges**
Connector	**MCBH2M or MCBHRA4M, others on request**

Model	**TRiOCam-IPX**
Depth Rating	**1500m**
Size	**112 x 86 x 43**
Weight in Air	**750g**
Weight in Water	**460g**
Material	**Anodised Aluminium**

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