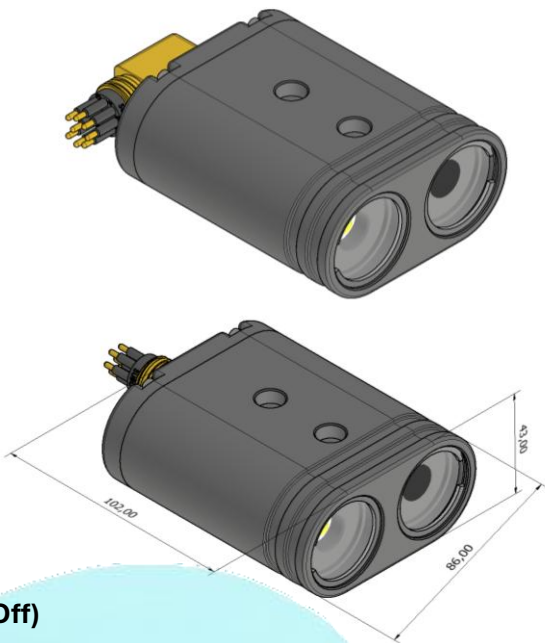# TRiOCam-IPD
Ethernet HD Camera
With integrated light

The SeaTRiO Underwater Camera is a high-performance imaging solution designed for the ROV and diving market, delivering exceptional clarity in a compact form. With high-resolution capabilities and superior low-light sensitivity, this camera ensures sharp, detailed footage even in the darkest underwater conditions. Its durable sapphire front lens provides excellent scratch resistance, maintaining long-term optical clarity in harsh marine environments. Additionally, the camera features an integrated 2000-lumen light, offering powerful illumination for deep-sea exploration and inspections. The light is controlled via PWM or a 0 to 5V/10V input, allowing users to easily adjust brightness levels based on their operational needs.

Designed for ease of use, the SeaTRiO Underwater Camera comes with intuitive topside software, enabling seamless control, real-time monitoring, and video recording. This user-friendly interface simplifies camera operation, making it an ideal choice for both experienced professionals and newcomers to underwater imaging. Built to be a competitive solution in the market, the SeaTRiO Underwater Camera combines high-resolution imaging, low-light performance, and integrated lighting in a rugged, compact design—offering ROV pilots, divers, and marine professionals the reliability and flexibility they need for demanding subsea applications.

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**
Resolutions	**720p; 1080p; 1296p; 1440p**
Best case Latency	**150ms**
Maximum light sensitivity	**0.001Lx**
Light output	**2000lm**
Light control	**PWM, 0-5V/10V (0v-On, 5V-Off)**
Connector	**MCBH8M or MCBHRA8M, others on request**

Model	TRiOCam-D4000	TRiOCam-D6000
Depth Rating	**4000m**	**6000m**
Size	**102 x 86 x 43**	**110 x 106 x 53**
Weight in Air	**690g**	**1150g**
Weight in Water	**360g**	**580g**
Material	**Anodised Aluminium**	**Titanium**