

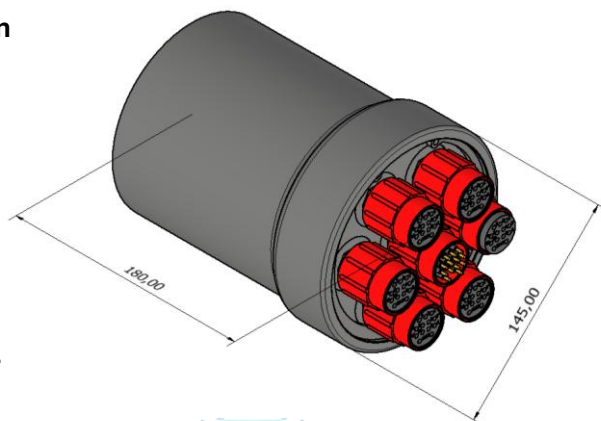
TRiONODE -M

**Gigabit 10/100/1000
Ethernet switch**

The SEATRiO TRiONODE-M Underwater Ethernet Switch is a high-performance networking solution designed to expand and manage Ethernet connectivity on ROVs and underwater installations. Featuring one input and six outputs, this unit enables seamless communication between multiple devices, extending the capabilities of subsea Ethernet networks. With 10/100/1000 Mbps support, the TRiONODE-M ensures high-speed, reliable data transmission for demanding underwater applications. Available in different depth ratings, it is built to withstand harsh marine environments while maintaining top-tier performance.

Designed for effortless integration, the TRiONODE-M incorporates an unmanaged switch for simple plug-and-play functionality. In addition to its switching capabilities, the unit can monitor and control voltage to different channels, allowing for enhanced power management of connected devices. To further simplify operation, the TRiONODE-M comes with user-friendly topside software, providing intuitive control and real-time monitoring of network activity and power distribution. This feature offers greater operational flexibility, making it an essential tool for ROV pilots, subsea engineers, and marine professionals who require robust and intelligent networking solutions. Whether deployed on deep-sea installations or remote underwater systems, the TRiONODE-M delivers dependable connectivity, advanced monitoring, and seamless control in a compact, easy-to-install design.

Capabilities	1 to 6 ethernet connection
Speed	10/100/1000 Mbps Full Duplex
Power	Fused power outputs 2 x 3A and 4 x 1A
Unit power requirement	12-30VDC @ 500mA
Operating temperature	-30° to 50° C
Connector	1 x DIL13M and 6 x DIL13F others on request



Model	300m	4000m
Length	180	180
Diameter	145	145
Weight in Air	3kg	4.6kg
Weight in Water	0.5kg	2.1kg
Material	Acetal	Anodised Aluminium