

DiveNET: Sealink

Underwater Acoustic Network Modems

- DiveNET Sealink modems are supplied in two standard form factors: 64x62 mm and 41x45 mm.
- Additionally an integrated modem/USBL combo is available with dimensions 64x128 mm.
- Standard maximum depth is 300 m w/built-in depth sensor, 400 m w/t depth sensor and 1,000 m in OEM configuration.
- Powered by 5-12V
- Supporting extensive Subsea Internet of Things (SlOT) capabilities.
- Built for integration with NMEA data protocol and UART electrical interfacing.

Sealink C - Command modem

- 64 x 62 mm
- Range: 8,000 m
- Power consumption: 0.33/25 W (Rx/Tx)
- 40 query-response code messages
- 25 subscribers (modems with unique ID in acoustic point to point network)

Sealink S - Streaming modem

- 64 x 62 mm
- Range: 8,000 m
- Power consumption: 0.33/10 W (Rx/Tx)
- 80 bits/sec (payload data)
- 20 subscribers

Sealink M (Microlink) - Multimode Acoustic Network modem

- 41 x 45 mm
- Range: 1,000 m
- Power consumption: 0.33/6 W (Rx/Tx)
- 78 bits/sec (payload data rate in streaming mode)
- 20 subscribers
- 16 predefined code messages
- 9 custom user code messages

Sealink M-XR (Microlink Extended Range) - Microlink in a Sealink body

- 64 x 62 mm
- Range: 3,000 m
- Power consumption: 0.33/25 W (Rx/Tx)
- 78 bits/sec (payload data rate in streaming mode)
- 20 subscribers
- 16 predefined code messages
- 9 custom user code messages

Sealink M-USBL (Microlink with integrated USBL antenna)

- Analogous to Sealink M-XR with additional signal Angle of Arrival determination for concurrent navigation and data transmission.

