

SUBNERO UNDERWATER MODEMS

Software-defined wireless networking, designed for extensibility



The Subnero Advantage

- Up to 15 kbps of data rate
- Up to 5 km of range
- Raw recordings, arbitrary waveform transmission
- Optimized for high-noise environments

FLEXIBLE PLATFORM

Because of their software defined nature, our underwater modems provide a flexible platform for a variety of underwater networks and applications, with substantial computing power packed into a compact form factor.

UNIQUE FEATURES

All our modems come with arbitrary waveform transmission & recording function. The modems provide options for customization and extension at many levels, allowing network protocols to be implemented and tested easily.

UNETSTACK3 ENABLED

Enabling a wide range of applications, UnetStack3 provides users with a comprehensive set of APIs and commands for maximizing innovation. This allows rapid prototyping of protocols under various water conditions.





Standalone Configuration



Embedded Configuration

Platinum Edition

Delivering performance under the toughest environmental conditions, Subnero's Platinum edition modems are designed to meet rigorous quality standards mandated by sectors such as defense, oil and gas and subsea engineering.

Products: WNC-M25MPS3, WNC-M25MPE3

Silver Edition

Silver edition modems are the workhorse communication nodes. They are to be used in general commercial deployments and are available in a variety of configurations such as standalone, embedded and multichannel. This makes them a perfect choice for almost any application.

Products: WNC-M25MSS3, WNC-M25MSE3, WNC-M25MSS3+xCh



Standalone Configuration



Embedded Configuration



Multi-channel Configuration



Standalone Configuration

Research Edition

Aimed directly at academic researchers and underwater technology enthusiasts, our research edition underwater modems are designed to bridge the gap between developing applications using a simulator (e.g. Unet simulator) and high-end commercial deployments.

Products: WNC-M25MRS3



www.subnero.com
sales@subnero.com
+65 9819 9552
@Subnero1

Subnero Pte. Ltd.
21 Heng Mui Keng Terrace
The Hangar, Level 1, I-Cube
Singapore 119613

