

# 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 & gas, wind energy, engineering.

## 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

