

智聲

Seagnals



水下噪音計 | 聲景紀錄器
Underwater Noise Meter | Soundscape Recorder

智聲是一款專業用途的水下噪音計產品，具有防水開關與連接器，不須開防水筒蓋即可啟動、連線設定、下載數據、充電。

Seagnals is a professional-grade underwater noise meter featuring a waterproof switch and connector. It can be started, wired for setup, data download, and charged without opening the cover of waterproof housing.



Power-on & simply use

快速設定
開機即用



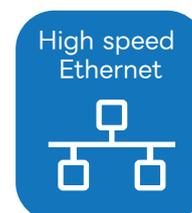
Effective file splitting

音檔切割
有效管理



Rechargeable lithium battery

長效鋰電
充電使用



High speed Ethernet

高速網路
資料傳輸



Real-time data display

即時數據
遠端監控



電纜最長 100 公尺
The longest cable is 100 meters.

提供各種需求設計
滿足水下監測目標

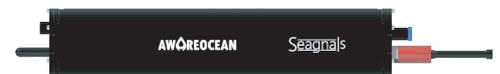
We offer designs to meet different needs and underwater monitoring objectives.

- + GNSS
- + Wi-Fi
- + Radio
- + Camera
- + Sensor
- + Battery
- + Cable

浮標型 Buoy Type



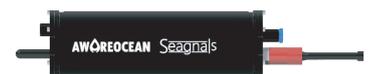
標準型 Basic Type



進階型 Deluxe Type



輕便型 Lite Type



基本規格 Basic Specifications

作業深度	Operating Depth	200 m
筒體尺寸	Housing Dimension	460 (L) x 89 (D) mm
筒體材質	Housing Material	Aluminum Anodized
空中重量	Weight in Air	3.3 kg
水中重量	Weight in Water	0.4 kg

電力規格 Power Specifications

鋰電池量	Lithium Battery Size	357 Wh@7.2 VDC
耗電估算	Power Consumption	0.4 A @ 5 VDC
充電時間	Battery Charged Time	10 Hours @ 5A

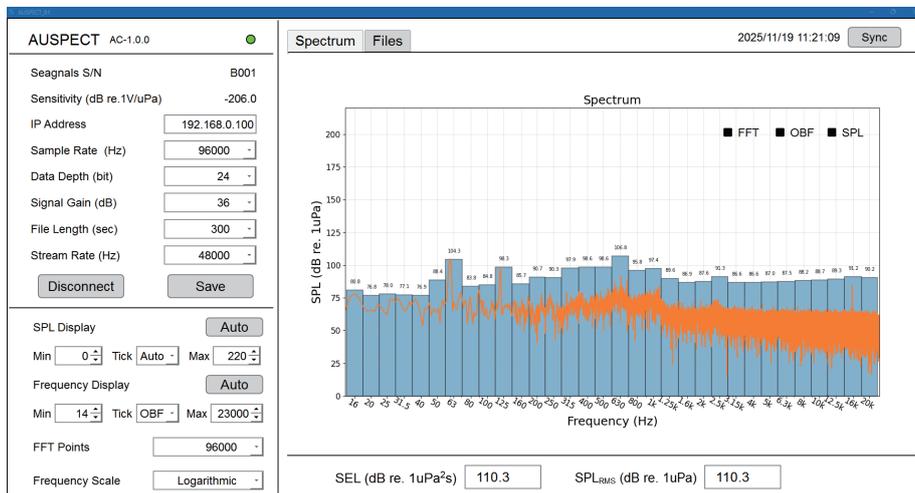
水下麥克風規格 Hydrophone Specifications

接收靈敏度	Receiving Sensitivity	-206 dB re. 1V/uPa
頻率響應值	Frequency Response	1 Hz ~ 110 kHz
水平指向性	Horizontal Directivity	+0.2/-1.0 dB @ 50 kHz
垂直指向性	Vertical Directivity	+0/-5.9 dB @ 50 kHz

紀錄設定 Record Setting

音頻取樣率	Sampling Rate	48/96/192 kHz
放大增益值	Amplifier Gain	-10/0/6/10/20/36 dB
音檔切割值	File Splitting Length	120/300/600 Sec
音檔位元值	Audio Bit Depth	16/24 bit (D.R. 96/144 dB)
音檔格式	Audio File Format	PCM-Wav (Lossless)
資料儲存量	File Storage Size	950 GB

設定及校正用軟體 Software AUSPECT for Setting & Calibration



標準型 Basic Type

