

# μPAM

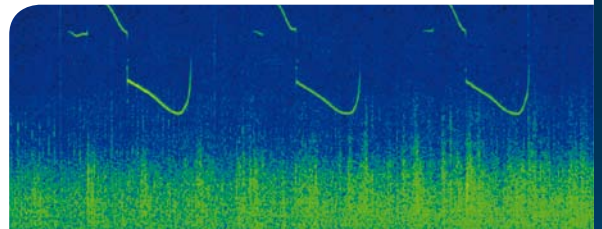


## KEY FEATURES

- Full PAM monitoring and mitigation system in small, highly portable package
- IP67-rated and designed for use in tough, marine environments
- Interchangeable hydrophone cables – single or multi-sensor arrays
- May be used as an autonomous sound recorder, or linked to a laptop computer for real-time monitoring

## SPECIFICATIONS

Ruggedised aluminium case, IP67 rated with EMI shielding
Connect arrays of up to four hydrophones and low-noise preamplifiers
Custom cable length options, frequency response and preamplifier gain
Array depth sensor and other non-acoustic sensors available
GPS and GPS-compass data acquisition
Single-board computer, i5 processor, 8 Gb RAM
Windows and Java platforms to support PAMGuard software
Customisable ADC options for sampling rates up to 500 kHz/ch, 16-bit precision
Continuous data-recording for up to 30 days (1 ch, 500 kHz sampling rate)
Powered from a quiet DC source, 12-24 V
Average current consumption 12 W
Ethernet, serial, USB and external monitor ports
Optional wireless connectivity
Stereo headphone output
Dimensions: W 206 mm, H 87 mm, D 260 mm



## APPLICATIONS

- Underwater recorder package for Unmanned Surface Vessels
- Towed hydrophone surveys from small vessels such as RIBs
- Calibrated noise measurements
- Real-time mitigation monitoring over telemetry, from moored PAM buoys and rafts
- Ad hoc sound recording and mitigation from small boats or fixed platforms