



The AQUAmark 200 Acoustic Cetacean Deterrent

The AQUAmark 200 is an acoustic pinger designed to reduce the unintentional catch of dolphins and to reduce predation in commercial trammel net, gillnet, tanglenet and driftnet fisheries.

Large scale trials in the Bay of Fundy and in Denmark in 1996 and 1997 showed a highly significant reduction in bycatch on nets fitted with acoustic deterrents. In Europe, the AQUAmark 100 and 200 models, which transmit a variety of complex ultrasonic signals, have

been in commercial use since 2000 with several thousand devices in service.

The AQUAmark 200 is targeted specifically at the dolphin. It complies with pinger legislation for modified driftnets, and has also been used throughout the Mediterranean to reduce dolphin predation on nets. Where predation is severe, the AQUAmark 210 is recommended as an alternative.



Features



- **Fit and forget !** No battery change with a sealed-for-life design. Typically lasts 2 to 4 years with seasonal use.
- **No noise on deck!** Wet switch means that it only operates when immersed, to save battery life.
- **No leaks!** Fully moulded construction means there are no seals to get damaged.
- **Fit every 200m!** Not the 100m spacing required for other designs

Outline Specification

Acoustic Output	Wideband frequency modulated waveforms, each 200-300ms long, with harmonic energy in the 5kHz to 160kHz band Typically 145dB re 1µPa @ 1m
Dimensions	164mm (6.5") long x 58mm (2.3") diameter at widest point
Weight	410 g (15 oz) in air; 135 g (5 oz) in water
Attachment	Dual point attachment through 11mm (0.4") holes 19mm (0.75") from ends, or by placement in bait bags
Maximum depth	200 m
Recommended spacing	Every 200 m
Shelf life	Up to 4 years
Battery life	1 to 2 years with continuous immersion, dependent on temperature. Up to 4 years in typical fishery with seasonal or discontinuous deployment, as devices switch off when not in water.

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Aquatec Subsea Limited High Street, Hartley Wintney, Hants, RG27 8NY, UK

Telephone: +(44) (0)1252 843072 Facsimile: +(44) (0)1252 843074 email: info@AquatecSubsea.com www.AquatecSubsea.com