

# 1.2m Tern Buoy for Gardline Environmental



UK-based Ocean Scientific International Ltd (OSIL) have recently supplied a 1.2m Tern Buoy to Gardline Environmental, for installation in Cyprus. The buoy is equipped with a Nortek AWAC, acquiring full profile current speed and direction and wave data in addition to other ancillary parameters including GPS positioning. Data from the AWAC is currently transmitted via GSM. However, the buoy has also been equipped with the option to swap comms to Iridium satellite.

The buoy system is robust, with all cables held internally, protected by the rugged enclosed top section, which has been designed to minimise damage from the elements or outside interference. The platform also offers a higher visibility profile, easily seen in high-traffic areas, and boasts a central structure which offers a very high degree of protection

for valuable, sensitive, or delicate equipment, whilst maintaining good water flow for e.g. water quality sensors.

The Tern buoy is designed for extended deployment in harsh coastal environments in deeper water depths, and is suitable for all applications, including scientific studies, water quality monitoring, coastal engineering projects, harbour and coastal monitoring, and maritime traffic control.

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<https://www.hydro-international.com/content/news/1-2m-tern-buoy-for-gardline-environmental>

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