

the UK's leading supplier of aids to navigation

# HydroWatch control & monitoring

The HydroWatch unit is the programmable interface between the product and the HydroData web portal.

Its compact size allows it to be fitted within existing equipment enclosures or to be boxed as a standalone unit, while its low cost and simplicity to integrate makes it a versatile and affordable solution.

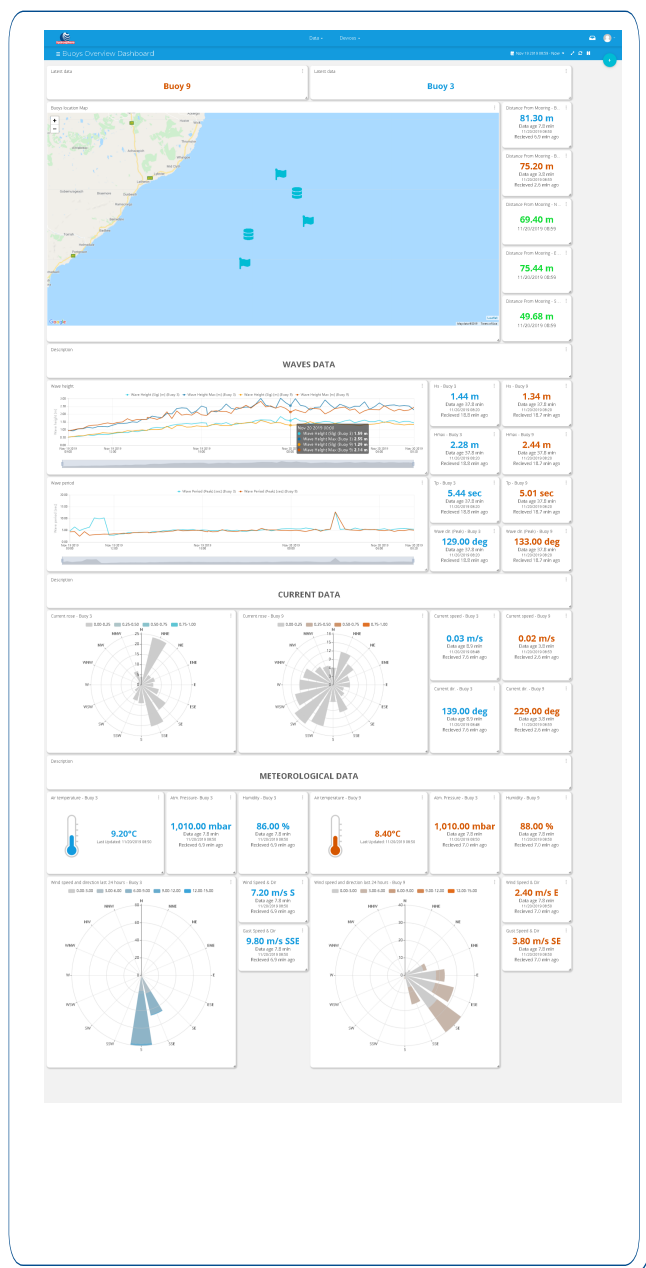
Uses include to monitor and control the status of equipment such as navigational aids, to take inputs from external triggers such as alarms or voltage inputs, or to communicate with instrumentation and transmit data.

With multiple digital inputs, outputs and serial ports it provides the core of your system, whether it is data gathering, status monitoring or remote control of your assets.

The HydroData portal is can be set with user levels from view only through to full administrator access. Multiple levels of alarms can be set to alert users when the conditions exist that may lead to a failure, and the status of multiple analogue or digital inputs monitored and logged.

Views can be tailored to individual users requirements with data pulled form multiple sources to a single view. In a typical port situation his might include the status of port closure lights, wave data from a wave buoy, met data from a compact met station, and weather forecast from an external service.

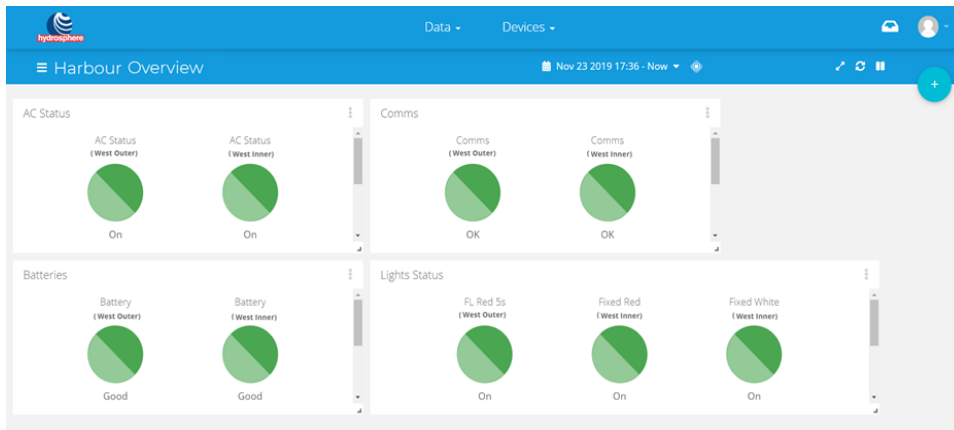
- features:**
- GPRS 2g/3G/4G/Iridium options
  - 9 Digital Inputs
  - 4 Analogue inputs
  - 10 5A fused digital outputs
  - 5 Serial Com Ports RS232/485
  - AC Monitoring
  - 3 DC monitoring inputs



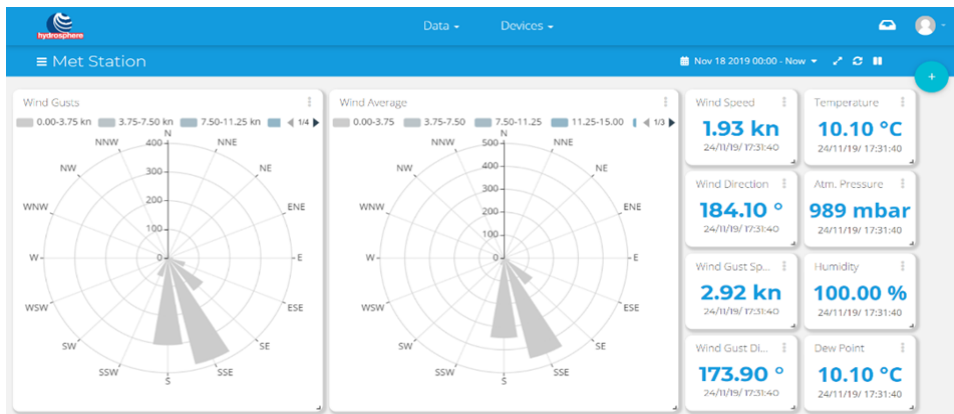
monitoring and control

# HydroWatch & HydroData control, monitor & display

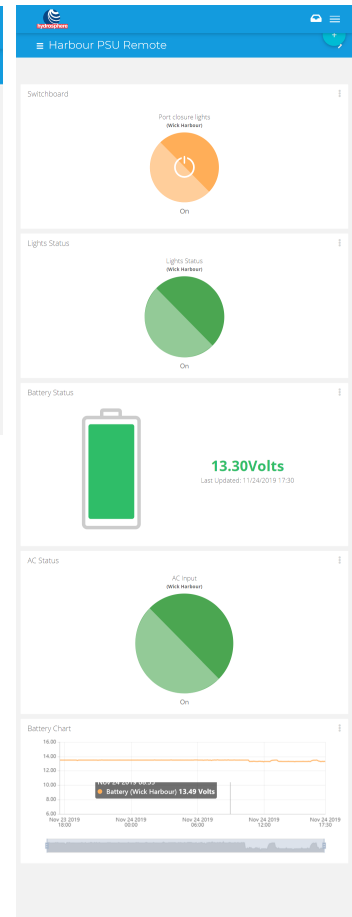
## Port Overview



## Met Station



## Remote Control



the complete control, monitoring and data display solution



**hydrosphere**

### about Hydrosphere

Hydrosphere is the UK's leading supplier of aids to navigation and has been providing cost-effective solutions to the marine industry for more than 18 years. We offer a wide range of navigation and mooring buoys, LED navigation lights, sector lights, rotating beacons, leading lights, jetty masts, beach and zone marking products and associated moorings. Rental, installation and maintenance services are also available for all our products and systems.

For more information please contact us.

data buoy platforms | moorings | navigation buoys | navigation lights | mooring buoys | installation

t: +44 (0)1420 520374

www.hydrosphere.co.uk

e: sales@hydrosphere.co.uk



Royal Institute of Navigation