

DIGITAL TACTICAL SWIM BOARD



NORTHERN DIVER
MINE WARFARE & MILITARY DIVING SPECIALISTS



SPECIFICATION

Depth, time and compass

Powered by wireless charging to lithium ion 18650 cell
Optional user changeable battery upon request

Max operating depth 50m / 164.04 feet

Depth accuracy $\pm 2\%$ of actual depth

Depth resolution 0.1m

Time accuracy 2 seconds a day

Max dive duration - 16 hours at maximum brightness.

Data log in rate - 5 samples/sec.

Bluetooth communication to transfer data logs to a PC.
Also allows configuration data to be changed inside the swim board without opening or hard wiring into a port.
Reducing a potential leak path

Stored dive history - Max of 256 data logs and 10 hours of data logging at one sample every 5 seconds.

Display: single colour dot matrix or OLED

Display brightness - 16 hrs, at lowest brightness 30 hrs.

Display off: 100 hrs continuous,

Standby - Power off is approx 2.5 months for full battery



Information displayed on screen at all times :

- Depth (Meters or Feet)
- Time (hours/minutes/seconds)
- Compass bearing (numerical degrees)
- Compass bearing (eight cardinal points)
- Stop Watch (Minutes/Seconds)
- Battery Level indicator (pictorial)
- AOA (Angle of attack indicator)

More information can be toggled by one press of a button. This can be tailored for each customer/ diver, as not to over load the diver with information.

High o2 diving features:

6 meter / 20 feet over ride max depth warning indication. (Meters or Feet)

ETM (Elapsed Time at Maximum depth)

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