

# Product News: ISA500-11K Sets New Standard for Deepwater Altimeters



Depth-rated to 11,000 metres, the ISA500-11K provides the highest levels of stability, accuracy and range, setting a new standard for deepwater altimeters. Based on the architecture of the ISA500 range of altimeters, the ISA500-11K has a distance measurement capability in excess of 120 meters and proven millimetre accuracy. With an optional integrated Attitude and Heading Reference System (AHRS), the sensor can also provide highly stable heading, pitch and roll readings.

Provided in robust titanium housing and fitted with a Subconn BH8M-SS connector as standard, the altimeter is built to withstand the harshest of underwater environments. In comparison to the existing ISA500 range of altimeters, the ISA500-11K makes use of a newly designed transducer, housing and endcap. The same core electronics that are used

in all ISA500 altimeters is maintained, allowing full software configuration of the altimeter.

## Easy-to-use Software Interface

All readings can be displayed in an easy-to-use software interface or output to a third-party system, making the ISA500-11K a very simple altimeter to use in a multitude of applications. At only 109mm/4.3" long and 47mm/1.85" wide, the ISA500-11K is an ideal solution for applications where space and weight are critical considerations.

Commenting on the launch, Ben Grant, managing director, stated: "With continuing missions to explore the depths of the sea, the ISA500-11K provides an excellent option for long-range and high-accuracy altitude measurements at the deepest of locations".

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