



OceanTools

SIB

Surface Interface Box

The **OceanTools SIB** (Surface Interface Box) units convert data *from RS232 to RS485 and vice-versa*, as well as supplying power to connected devices.



Overview

The SIB can provide a DC power supply to power a wide range of **OceanTools** and third-party products, including **OceanFOG** gyrocompasses and **OceanTILT** precision inclinometers.

Typically, RS232 only has a drive capability of 15m. Converting this to RS485 can increase the distance over which data can be transmitted to greater than 1000m, depending on the data rate.

Along with the standard SIB unit, OceanTools can also supply a subsea variant and a range of umbilical cables and connectors.

Key Features

- Surface and subsea variants
- Subsea unit has 3000m depth rating
- RS232 in, RS485 out
- RS485 in, RS232 out
- 87–247 VAC input
- 24VDC @ 5A output as standard, options available
- Factory configurable 1200–115200 baud rate

Product datasheets, GA drawings, case studies and other supporting documents are available to download from data.oceantools.co.uk

All specifications are subject to change without notice. E&OE.

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OceanTools Ltd
OceanTools House Claymore Drive Aberdeen AB23 8GD
t: +44 1224 709 606 e: sales@oceantools.co.uk
www.oceantools.co.uk