

TBS03 USB to SDI-12 Interface

The TBS03 is a USB to SDI-12 Interface which may be used to configure and test SDI-12 sensors.

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As the use of the SDI-12 protocol grows, so too does the demand for equipment to assist with configuration and fault finding. This is just the application for which the TBS03 has been designed.

The TBS03 takes the place of an SDI-12 verifier. Once plugged into your PC (and the USB driver loaded) you open the "SDI Commander" software and can type send and receive commands. The software shows you the sensor responses as they are received. You can program a number of buttons with commonly used shortcuts (such as changing sensor address, make M or C measurement, get Data from sensor).

In addition to the standard TBS03, two other models are available:

- Version 2 (Tester) gives you the ability to test the sensor's SDI-12 compatibility by running a series of tests to determine how well it meets the standard SDI-12 timing and which SDI-12 commands it responds to
- Version 3 (Auto Monitor) adds the capacity for unattended logging, allowing you to set up the software to automatically read the sensor at nominated time intervals. The results can be saved to a delimited text file for subsequent analysis.

The TBS03 also includes an on board DC to DC converter which will generate a 12V power supply for the attached sensor. All connections are made using cage clamps.



Ordering

TBS03	TBS03 USB to SDI-12 to USB Interface
TBS03-01	TBS03 USB to SDI-12 to USB Interface with SDI-12 compatibility testing
TBS03-02	TBS03 USB to SDI-12 to USB Interface with compatibility testing and auto measurement mode

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Telemetry Over Internet Protocol