



Data Wand

The DataWand is a modified data logger, which sits on the seabed and records data as required. The sturdy unit meets the environmental constraints and utilises long-life batteries. It contains an optical interface, that will recognise the DataWand laser and thereafter transmit stored digital data along the laser to the capture circuitry in the DataWand.

As the Data Wand is relatively small it can be easily attached to a ROV arm and linked with the onboard ROV computer system. It has a battery operated high power laser that can be switched on for short periods. The laser can capture transferred data without causing or creating data corruption.

As transmission unit is telemetry based it allows the wand to use an off the shelf, low power reception device.

The Wand is PC compatible so allows direct information transfer via interconnection cables.

Able Technologies won a Smart Award from the Scottish Executive in 1999 for this device.



Features

- High Power laser
- Works in murky water
- Telemetry based transmission
- PC compatible
- Battery operated
- ROV compatible