Small CTD salinity logger

DST CTD

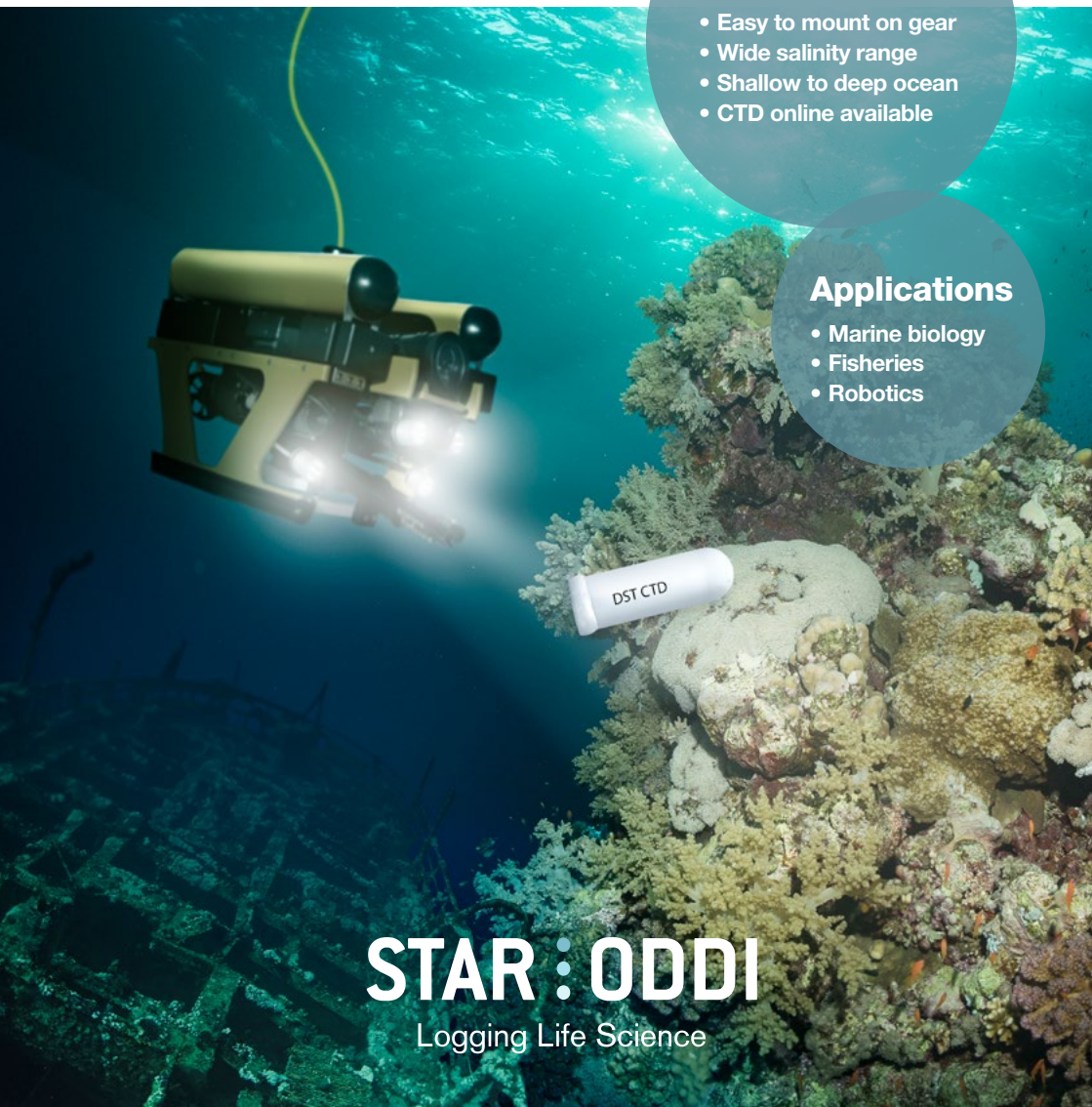
Ocean & gear monitoring

Advantages at glance

- Easy to mount on gear
- Wide salinity range
- Shallow to deep ocean
- CTD online available

Applications

- Marine biology
- Fisheries
- Robotics



STAR : ODDI

Logging Life Science

Easy to mount on gear The small CTD is placed in a plastic protective housing which is easy to mount on subsea gear and moorings. Anti-biofouling copper grid available for long-term monitoring.

Wide salinity range, low to high conductivity The DST CTD can capture conductivity from 3 to 68 mS/cm. Low conductivity range of 0.1 to 6 mS/cm is also available.

Depth sensors for shallow to deep ocean Customers choose between depth calibration ranges up to 100 m, 500 m, 1200 m or 2400 m. The shallower the range, the better the depth resolution and accuracy.

DST CTD online sensor available CTD online is a fully submersible sensor with a subsea connector and comes with a subsea cable for connecting to underwater robotics such as an AUV. Data is sent from the sensor to user‘s own embedded system.

Technical specifications

Sensors	Conductivity (salinity), temperature, depth. CT version available
Size (Diameter x Length)	15 mm x 50 mm. With plastic housing : 30 mm x 100 mm
Conductivity Ranges	Wide range: 3-68 mS/cm Low range: 0.1-6 mS/cm
Conductivity Resolution	3-68 mS/cm: 0.025 mS/cm 0.1-6 mS/cm: 0.002 mS/cm
Conductivity Accuracy	3-68 mS/cm: +/-1.5 mS/cm 0.1-6 mS/cm: +/-0.3 mS/cm
Temperature Resolution	0.032°C (0.058°F)
Temperature Accuracy	+/-0.1°C (0.18°F)
Temp Response Time	Time constant (63%) reached in 20 sec.
Depth Ranges	0.1 m-100 m, 5 m-500 m,5 m-1200 m,10 m-2400 m
Depth Resolution	0.03% of selected range
Depth Accuracy	+/-0.6% of selected range
Memory Capacity	87,217 measurements per sensor
Measurement Interval	User specified in second(s) minute(s), or hour(s)
Communications	Communication Box, wireless transmission when DST sits in the box. Connection to PC: USB cable.
Battery Life	4 years*
Replaceable Battery	No

*For a sampling interval of 10 minutes.