

6001SD Subsea Data Logger



The 6001SD Temperature and Pressure Subsea Logger is a compact, self-contained, subsea unit which logs and displays readings from internal digital pressure and temperature sensors.

The 6001SD can confirm a successful hydrotest without needing to recover the unit. An extended housing version enables longer battery life as well as the capability to utilise a Luma Optical Modem for subsea data upload to surface via ROV

Key Benefits

- Users can input their own testing parameters. Upon meeting the criteria, the unit instantly displays a "PASS" confirmation, allowing the operator to make informed next steps. Compliant with DNVGL-ST-F101 pre-commissioning testing requirements
- Enables ROV, vessel or diver to perform associated tasks in parallel resulting in accelerated completion of work, potential cost savings and project flexibility.
- Can be interfaced with an Acoustic Pinger, data transducer or strobe enabling remote monitoring or indication when a particular pressure, temperature or time threshold is reached.
- Unit and interface components can be mounted in an easy to deploy cradle.
- Compact, self-contained unit with minimal connections and cabling resulting in easy installation and reduced risk to the operation.
- Capable of displaying and logging 2x pressure and temperature for approximately 100 days complete with time and date.
- All functions can be carried out using a single control button and intuitive menu.

Interested in hearing more about this, or other applications?
Contact our IK Trax specialists at:

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PRODUCT SPECIFICATION

Battery Type	12V Alkaline Pack (Additional 10.5V Alkaline Pack for Extended Housing Version)
Battery Life at +5°C	80 Days (Standard Mode) 100 Days (Low Power Mode) <small>Note 1</small>
Operating Temperature Range	-5°C to +65°C (+23°F to +149°F)
Operating Depth	3000m (9842ft)
Pressure Sensor Ranges Available	100-2000 barg (based on project requirements)
Pressure Connection	1/4" BSPP M/M ADAPTOR or Customer specified
Standard Pressure Sensor Accuracy	±0.05% FS (0.001 bar resolution)
Temperature Sensor Accuracy	±0.5°C (0.01°C resolution)
External Power	+15V to +28V
Data Communication	RS485

MATERIALS & DIMENSIONS

Housing Material	Alloy Bronze CA 104 EN 12163
Window Material	Acrylic
Length	275mm (10.8")
Extended Housing Length	338.5mm (13.3")
Height	160mm (6.3")
Width (Including Burton Blanking Plug)	235mm (9.3")
Weight in Air (Including Delrin Mount)	14.1kg (31lbs)
Weight in Water (Including Delrin Mount)	9.1kg (20lbs)

OPTIONS

Remote Communication	Acoustic Modem (short and long distance) Optical Modem via ROV umbilical
Subsea Strobe	

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