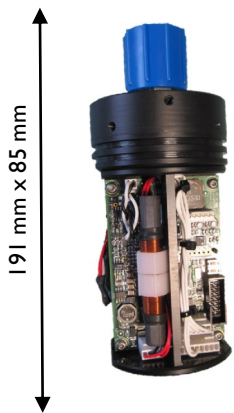




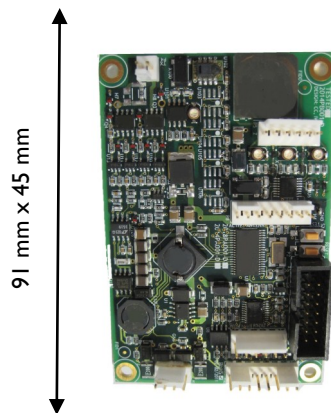
Product Specification:

Operating Range/Environment:	
Range	<ul style="list-style-type: none"> internal antenna: to 1.5m through seawater external antenna: to 3m through seawater
Depth Rating	<ul style="list-style-type: none"> 100m (standard) 350m—4000m (option)
Operating Temperature	-10 to + 60°C
Storage Temperature	-20 to + 60°C
Data:	
Storage	8MB of non-volatile memory
I/Os	<ul style="list-style-type: none"> 2 x 4-20mA inputs 4 x Digital outputs 2 x Digital inputs
Data Interfaces	RS232, RS485, RS422, Ethernet (optional)
Data Rate	2.4 kbaud – 4.8 kbaud
Power Supply	6V – 30V external power supply or rechargeable internal batteries
Power Consumption each unit:	<ul style="list-style-type: none"> Transmitting: 7.5W Receiving: 0.25W
Physical Characteristics:	
Dimensions	<ul style="list-style-type: none"> PCB: 91mm x 45mm 100m/350m enclosure: 191mm x 85mm 4000m enclosure: 465mm x 170mm
Additional features:	On board 3-axis accelerometer



191 mm x 85 mm

100m—350m enclosure



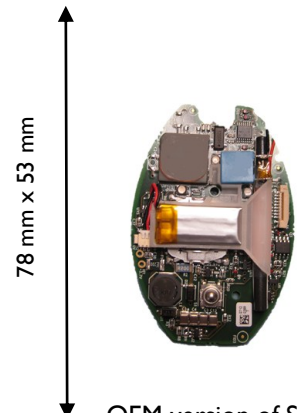
91 mm x 45 mm

OEM version of S100



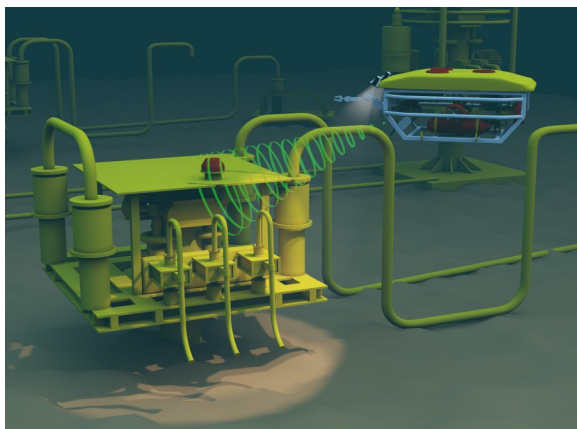
465 mm x 170 mm

4000m version of S100



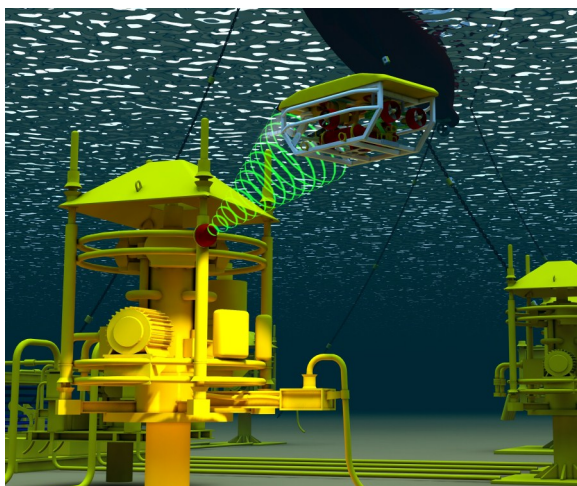
78 mm x 53 mm

OEM version of S100



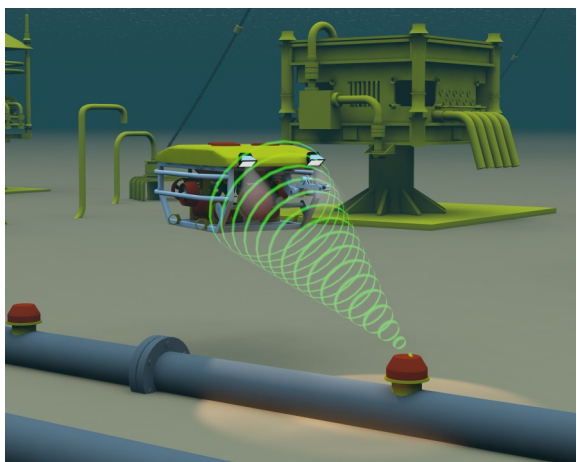
Safety: Subsea Black Box

- Black box functionality for offshore operations
- Logs up to 8MB of operational data
- Can integrate wirelessly with Subsea Control Modules
- Independent storage and data recovery
- Wireless data retrieval above the wellhead
- Allows data retrieval at safe distance



Improved efficiency: Subsea data logging

- Logging of multiple parameters such as pressure, flow, temperature etc.
- Ad-hoc data retrieval by ROV, no hardwire to surface, no physical retrieval of datalogger
- Cost effective compared to dedicated data retrieval mission



Integrity Management: Wireless Sensors

- Standard interfaces for wireless data communication with underwater vehicles
- Wireless harvest of data from subsea sensors
- Simple/flexible deployment of wireless subsea sensors
- More frequent and easier access to data — no wet mate connectors
- Reduced cost of intervention, surface support not required

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