



Tech Sheet

Diver-Link

The Diver-Link is a durable and easy to install telemetry unit that can be used in a variety of borehole locations such as flush mount and stick-up wells. The Diver-Link transmits data from a Diver data logger over a cellular network. Easily integrate the Diver-Link into the Diver-HUB web portal for real-time management of site data, monitoring equipment and water levels.

The Diver-Link combines a compact design with the latest 4G/LTE wireless technology. Configuration and management of the unit is easily done through the Diver-HUB web portal. Deployment of the Diver-Link simply consists of inserting the battery and connecting the unit to a Diver. In the field, the Diver-Link can be operated through Bluetooth Smart or using the magnetic function keys to activate the unit. Future firmware updates are automatically executed 'over-the-air', so there is no need for additional site visits.

Features

General

- Data logging and transmission
- Compact enclosure
- Lithium battery operated
- Internal or external antenna
- Barometric data logger
- IP67 rating and magnet operated, Bluetooth Smart enabled
- Over-the-air firmware update
- Compatible with all Diver data loggers and cables

Power Supply

- Battery life: 5+ years
- Off-the-shelf lithium battery (1 or 2 D-cells)
- Other options available: solar, mains, SLA battery

Data

- Transfer Diver data to a secure FTP server
- Send data to email
- Email notifications: warnings, thresholds
- Incremental data upload
- Automatically compensated data

Configuration

- Auto-commissioning/configuration
- Remote configurable
- Over-the-air update

Global Application

- United States and Canada (AT&T, T-Mobile, Rogers, Telus, Bell): 3G, 4G/LTE (FCC and carrier approval)
- Europe, Middle East, Africa, Asia, Pacific, Americas: 2G, 3G, 4G/LTE (CE)





Technical Specifications

Housing

Dimensions	80 mm × 60 mm × 151 mm (W×L×H)
Material	polycarbonate UL 94 V0
Seal	Polyurethane
Protection	IP67 rating
Weight (excl batteries)	330 g

Power Consumption

External supply voltage	3 to 16 V
Standby current	< 50 μ A
Average transmission current	500 mA

Environmental

Operating temperature	-20 to 60 °C
Storage temperature	-30 to 80 °C
Storage humidity range	0-100% RH

Frequencies

United States and Canada

4G bands (MHz)	B12(17(700), B5(850), B4(AWS1700), B2(1900), B13(700)
3G bands (MHz)	B2(1900), B5(850)

Europe, Middle East, Africa, Asia, Pacific, Americas

4G bands (MHz)	B3(1800), B7(2600), B20(800), B1(2100), B8(900)
3G bands (MHz)	B1(2100), B8(900)
2G bands (MHz)	B3(1800), B8(900)

Barometric Datalogger

General

Memory	72,000 measurements
Sample interval & method	same as the connected Diver

Pressure

Range	400 to 1150	cmH2O
Accuracy [†]	± 1.0	cmH2O
Resolution	0.03	cmH2O

Temperature

Range	-20 to 80	°C
Accuracy [†]	± 0.5	°C
Resolution	0.01	°C

[†] typical