



Tech Sheet

Diver-Link Triple – DN4xx-3

The Diver-Link Triple 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 Triple transmits data from up to 3 Diver data loggers over a cellular network. Easily integrate the Diver-Link Triple into the Diver-HUB web portal for real-time management of site data, monitoring equipment and water levels.

The Diver-Link Triple 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 Triple simply consists of inserting the battery and connecting 1, 2 or 3 Divers. In the field, the Diver-Link Triple 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

- Connect up to 3 Divers
- 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: 3+ 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 (W×L×H)	80 mm × 60 mm × 151 mm
Material	Polycarbonate UL 94 V0
Seal	Polyurethane
Connector cables	PVC
Protection	IP67 rating
Weight (excl batteries)	330 g

Power Consumption

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

Environmental

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

Frequency Bands

Part No	2G bands	3G bands	4G bands
DN401-3, DN402-3	B3, B8	B1, B8	B1, B3, B7, B8, B20
DN411-3, DN412-3	B2, B3, B5, B8		B1, B2, B3, B4, B5, B8, B12, B13, B18, B19, B20, B25, B26, B27, B28, B66, B71, B85
DN421-3, DN422-3		B2, B5	B2, B4, B5, B12, B13
DN431-3, DN432-3	B2, B3, B5, B8	B1, B2, B4, B5, B6, B8, B19	B1, B2, B3, B4, B5, B7, B8, B9, B12, B13, B14, B18, B19, B20, B25, B26, B28

Barometric Data Logger

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		