



# Tech Sheet

## Diver-Link – DN4xx

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

### Power Consumption

External supply voltage	3 to 16 V
Standby current	< 50 $\mu$ 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

### Frequency Bands

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