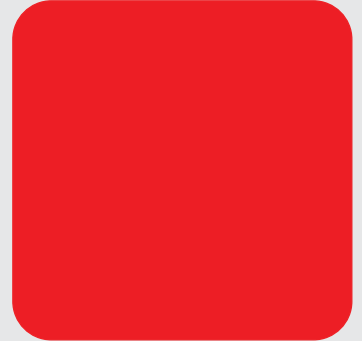


# Roxar Downhole Interface Unit

Roxar DIU

Data Sheet



## Roxar DIU

The Roxar Downhole Interface Units (DIU) allows the Roxar Intelligent Downhole Network (IDN) to be deployed subsea at depths up to 3 000 m.

The Roxar DIU portfolio contains DIUs suitable for permanent and retrievable subsea installation. The ROV retrievable version uses an ROV handle supplied by Oceaneering and a tried and tested funnel design to enable secure subsea installation.

The Roxar DIUs incorporate a standard connector interface to support customer preferred wet-mate connectors.

### Extreme Functionality

The Roxar DIUs have been fully qualified to Q2 requirements as described in ISO 13628-6. This rigorous qualification proves the Roxar DIU design for the most extreme environments.

When installed with the Roxar DHNC card the full functionality of the Roxar IDN is available subsea. See the Roxar DHNC card datasheet for further details.

### Built in Redundancy

The electronic rack within the Roxar DIU has been designed to allow two DHNC cards to be positioned within one single DIU. Coupled with the redundant operation available on the DHNC card, it provides redundant infrastructure for minimum outlay.

The standardised electronic rack also allows any 3rd party IWIS option 1 card to be installed within the Roxar DIU.

## Specifications

**Model/Type:****Roxar DIU Retrievable****Physical Dimensions:**

DIU:

- 816 x 184 mm / 32.1 x 7.2 " (Length x Diameter)

Funnel:

- 551 x 335 x 375 mm / 21.7 x 13.2 x 14.8 " (Length x Width x Height)

DIU with Funnel:

- 840 x 335 x 375 mm / 33.1 x 13.2 x 14.8 " (Length x Width x Height)

**General Performance**

Design Ambient Temperature:

- -18 to 70 °C / 0 to 158 °F
- Design Water depth (for subsea)
- 3000 m / 9840 ft

**International standard compliance/certification:**

Environmental testing:

- ISO 13628-6 (IWIS Option 3)

**Model/Type:****Roxar DIU Permanent****Physical Dimensions:**

DIU:

- 516.5 x 175 mm / 20.4 x 6.9 " (Length x Diameter)\*

**General Performance**

Design Ambient Temperature:

- -18 to 70 °C / 0 to 158 °F
- Design Water depth (for subsea)
- 500 m / 1640 ft

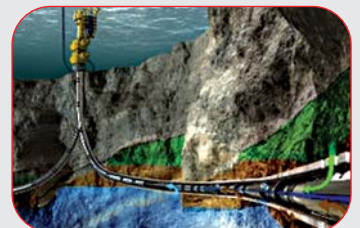
**International standard compliance/certification:**

Environmental testing:

- ISO 13628-6

For Electrical/Interface details see the Roxar DHNC card datasheet

\* Size may vary dependent on mounting brackets and required wet-mate connector

**Roxar Downhole Interface Unit**[www.roxar.com](http://www.roxar.com)

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