

# Roxar IWIS Canister

## IWIS Canister

Data Sheet



### Roxar IWIS Canister

The Roxar IWIS canister allows the Roxar Intelligent Downhole Network (IDN) to be deployed subsea at depths up to 10 000 ft / 3 048 m.

The ROV handle supplied by Oceaneering makes the Roxar IWIS canister fully ROV retrievable and utilises a tried and tested funnel design to enable secure subsea installation.

The Roxar IWIS canister incorporates a standard connector interface to support customer's preferred wet-mate connection.

The Roxar IWIS canister allows the Roxar Downhole Network Controller (DHNC) card to be positioned subsea. The Roxar DHNC card is fully IWIS compatible. Using the 2 wet-mate connectors, the user has access to the 10 Mbit Ethernet interface, RS422 interface and the downhole power/ communication interface whilst also providing the 24 Volt input connection.

The electronic rack within the IWIS canister has been designed for the future, allowing two DHNC cards to be positioned within one single IWIS canister. Upon special request a multi-card canister can be discussed.



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## Specifications

### Physical Dimensions

- Canister 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)
- Canister within funnel 840 x 335 x 375 mm / 33.1 x 13.2 x 14.8 " (length x width x height)

### Operating Range

- Temperature -18°C to 70°C / 0°F to 158°F
- Depth 10 000 ft / 3 048 m

### Electrical

- Nominal Input Power < 10 W  
(4 x HM gauges @ 5 km)
- Max. Start-up Power < 25 W
- Input Supply Voltage 24 VDC

### External Interfaces

#### Downhole Cable:

- Shielded Single Core
- Shielded Dual Core (twisted pair)

#### Communication:

- RS422
- 10 Mbit Ethernet

#### Power supply:

- 24 VDC

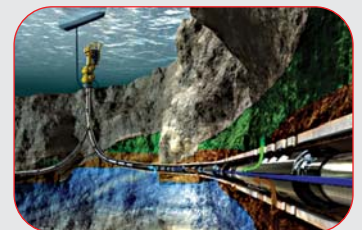
### Communication Protocols

- Modbus TCP
- Modbus RTU

### Standards

- ISO 13628-6
- IWIS option 3

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[www.roxar.com](http://www.roxar.com)

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