

## BACK DECK WIRELESS

- ✓ Reduce back-deck operations and improve safety
- ✓ Maintain visibility of test results with a live dashboard
- ✓ Streamline monitoring with a consolidated data view
- ✓ Minimise vessel time with simple deployment and operation



## View a live dashboard of C-Kore test results to track equipment health remotely in real-time.

The C-Kore Back Deck Wireless unit provides a live dashboard of C-Kore test results, presenting the user with a consolidated view of the health of equipment before it is deployed subsea. It is typically used in conjunction with C-Kore Cable Monitor units fitted to an umbilical termination to monitor and log umbilical electrical test results until the second end is deployed subsea.

Physically, the Back Deck Wireless unit is a small self-contained weatherproof enclosure that is temporarily fastened next to the C-Kore units it will be monitoring. It is powered by a replaceable rechargeable battery and connects wirelessly to both the C-Kore units and computers, so does not require any physical connections to other equipment. Once in place, the Back Deck Wireless unit will collect test results from adjacent C-Kore Units and log these to an interactive dashboard. The dashboard can be accessed over Wi-Fi and can also be coupled into existing network infrastructure if required.

The Back Deck Wireless unit provides an overview of test results as a live interactive dashboard. It runs as a local webserver, so no software is required on connected computers. The dashboard updates to show the latest readings from the connected units as well as graphing the trends in data over time. Further, any individual test result can be explored remotely, removing the need to connect to units via USB.

### KEY FEATURES



#### Local Webserver

Reduce risk to offshore personnel while monitoring umbilical deployment. No internet connection required and no software to install.



#### Interactive Dashboard

View test results immediately after they have been made. View graphs of readings over time.



#### Complete Monitoring

Connect and consolidate results from multiple C-Kore units. See all results on a single page and compare results between units.



#### Self-contained

Removable rechargeable battery and wireless connection. Easy to install, maintain and remove.



#### Network Integration

Connect directly to Wi-Fi hotspot or link to ship's network. Multiple configuration options to allow simple integration using standard hardware.

# TECHNICAL SPECIFICATION

## Physical Information

<b>Dimensions:</b>	270 x 246 x 132 mm
<b>Weight:</b>	3kg
<b>Weatherproofing:</b>	IP67
<b>Operating Temperature:</b>	Recommended: 0°C to +40°C
<b>Maximum:</b>	-20 °C to +50 °C
<b>Storage Temperature:</b>	Recommended: 0°C to +25°C
<b>Maximum: -</b>	-20°C to +45°C
<b>Antenna Cable:</b>	1m
<b>LED Indicators:</b>	Power, Uplink, Downlink
<b>eInk Display:</b>	Network Information & Battery

## Power

<b>Battery Life:</b>	Typically greater than 5 days between replacement
<b>Main Battery:</b>	Lithium-Ion, 3.6V Nominal, 96.48Wh
<b>Backup Battery:</b>	Lithium-Ion, 3.7V Nominal, 4.9Wh
<b>Battery Safety:</b>	UN38.3

**Note:** The backup battery is only intended to maintain operation for a few minutes while the primary battery is removed and replaced with a fully charged alternate. Typically, 2 main batteries are supplied with the unit.

## Networking

<b>Wi-Fi Standard:</b>	802.11g
<b>Wi-Fi Frequency:</b>	2.4 GHz, ISM band
<b>Wi-Fi Security:</b>	WPA2
<b>Bluetooth Standard:</b>	Bluetooth Low Energy 4.2
<b>Bluetooth Frequency:</b>	2.4 GHz, ISM band
<b>Wi-Fi Configuration:</b>	Configurable SSID and Password
<b>IP Configuration:</b>	IPv4 - Static or Dynamic Address
<b>DHCP Configuration:</b>	Server, Client or Disabled
<b>Configuration Display:</b>	Built-In E-Ink Display

**Note:** Bluetooth is only used to connect from the Back Deck Wireless unit to C-Kore measurement units and does not provide a user-facing connection to view results.

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