www.thalesgroup.com/linksatcom

THALES

Thales VesseLINK 200
On Iridium Certus

Mackay
Marine Electronics &
Satellite Communications
www.mackaymarine.com

Thales VesseLINK 200

Thales VesseLINK provides global satellite coverage for maritime communications. With uninterrupted coverage from pole to pole, it is the solution to depend on for essential communications. Suitable for ships or fleets of any size, VesseLINK easily integrates with your existing equipment to fully digitize your vessel. VesseLINK comes with an intuitive, user-friendly interface and can be quickly integrated into existing vessels or new fleets. It also includes built-in upgradeability to future-proof your investment and ensures peak speed and performance. VesseLINK operates using Iridium Certus broadband services over a network of 66 satellites that cover 100% of the globe, including deep oceans and poles. The solution utilizes this robust network service to provide highly reliable, mobile and essential voice, text and web communications for captain and crew.

Technical Specifications

Key Features

- Certus 200 Services (176 kpbs Up/Down)
- Robust, light-weight communications for at sea operations
- 100% global satellite coverage and low latency for critical data and voice communications
- Dependable maritime satcoms, from pole-to-pole
- Easily integrates VSAT with built-in preferred routing

Terminal Specifications

Below deck unit specifications

Height: 2.3 inches (5.8 cm)

Width: 12 inches (30.5 cm)

Depth: 9 inches (22.9 cm)

Weight: 7.5 pounds (3.4 kg)

Power Options
Option 1: 10–32 VDC
Option 2: AC/DC supply with 12 VDC (65 watt nominal/120 watt maximum)

IP Rating: IP31

Front Connectors: RJ-45 LAN (3) Class 2 PoE RJ-45 WAN (1) for cellular, VSAT and other IP connections, RJ-14 POTS (2 independent phone lines)

Rear Connectors: DC Power Input (10–32V) MIL-STD-1275D, DC Power Input (+12V Regulated), GPIO (RS-232, +12V out, Emergency, Radio Gateway, Discrete I/O), TNC — RF connection to Antenna, Wi-Fi — Reverse SMA, SIM card slot

Mechanical Vibration and Shock: MIL-STD-810G w/Change 1, Test Method 514.7, Category 4

Low gain omnidirectional antenna, with no moving parts to enable the fastest upload and download speeds to cover any land communications need from safety services, tracking and location services, out-of-band management to operational reporting and data transfers.

Antenna Specifications

Size: 5 inches dia. x 6.7 inches h (12.5 cm dia. x 17 cm h)

Weight: <0.7 kg/1.5 lbs

Power: Directly powered by the terminal at 24 VDC

IP Rating: IP67

Operating Temperature: -40 to +55° C

Mechanical Vibration and Shock: MIL-STD-810G w/Change 1, Test Method 514.7, Category 4

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iridium® connected

Specifications are subject to change without notice.

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2807:012021:V1

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