NETWORK INNOVATIONS
Succeed. Anywhere.

Thales VesseLINK

VesseLINK delivers critical communications that keep vessels connected and safe at sea.

Key Features

- Reliable satellite communications for at sea operations
- Providing 100% global coverage you can depend on
- Enabling essential communications for critical operations and enhanced safety features
- Simple, adaptable, and robust to meet the unique challenges of maritime environments
- Delivering data and voice communications with low latency
- Easy to use interface, all functionality available at a distance
- Ruggedized Android tethered handset
- IP67 rated single cable Antenna
- Rack or hull mounted installation
- 4G LTE ready, softphone application for iOS and Android
- Embedded 802.1 1b/g Wi-Fi access point
- Multiple user capability
- Application enabled functionality for Android and iOS

Multi-Services Platform

- IP data sessions up to 700kbps (down)/ 352kpbs (up)
- Streaming up to 256kbps (future)
- 3 high quality voice lines
- Location tracking

Marine Operations

VesseLINK™ utilizing Iridium Certus℠ gives your critical marine operation global communications coverage. It is the communications solution to depend on for essential communications whenever and wherever you are at sea.

Whether you operate a large fleet or a single vessel, this commercialized, military-grade solution is designed to meet your unique challenges through a simple, adaptable and robust design.

VesseLINK on Iridium operates using Iridium Certus℠ broadband services over a network of 66 satellites that cover 100% of the globe, including deep oceans and the poles. The solution utilizes this robust network service to provide highly reliable, mobile and essential voice, text and web communications.

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Technical Parameters

Size	12 in x 9 in x 3 in (30.5 cm x 22.9 cm x 7.6cm)
Weight	7.5 lb (3.4 kg)
Power	12 VDC input, 11 A max (7A avg.) includes powering external High Gain Antenna
Connectors	Front: RJ-45 LAN (3) Class 2 PoE RJ-45 WAN (1) for cellular connection RJ-14 POTS Rear: DC Power Input (10-32V) MIL-STD-1275D DC Power Input, +12V Regulated GPIO (RS-232, +12V out, DISTRESS, Radio Gateway, GPIO) TNC Connector, RF connection to Antenna Wi-Fi reverse SMA SIM slot
Mechanical Vibration and Shock	MIL-STD-810G, Test Method 514.6, Proc. 1 Category 20, Annex D MIL-STD-810G, Test Method 516.6, Proc. IV

Antenna Specifications

High-gain, electronic phased array antenna to enable the fastest upload and download speeds to cover any land communications need from safety services to operational reporting and logging.

Size	14 in dia. x 4 in h (35.6 cm dia. x 10.2 cm h)
Weight	7 lb (3.2 kg)
Power	Directly powered by the terminal at 24 VDC
Operating Temperature	-30 to +55 degrees C
Mechanical Vibration and Shock	IEC 60945, Section 8.7.1 and 8.7.2 MIL-STD-810G, Test Method 516.6, Proc. IV
Salt-Fog/Corrosion Standard	IEC 60945, Section 8.8