

- Reliable satellite communications for at sea operations
- Providing 100% globally 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 at low latency



◀ MARINE OPERATIONS ▶

## VesseLINK on Iridium

Delivering critical communications that keep vessels connected and safe at sea





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## VesseLINK on Iridium

**Delivering critical communications that keep vessels connected and safe at sea**

**VesseLINK on Iridium 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<sup>SM</sup> 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.

So, no matter where your operation takes you, Thales delivers.

### MULTI-SERVICES PLATFORM

- IP data sessions up to 700kbps (down) / 352kbps (up)
- Streaming up to 256kbps
- 3 standard & high quality VOIP voice lines
- SBD & circuit switch (up to 64kbps)
- Location tracking

### ADDITIONAL FEATURES

- Easy to use interface, all functionality available at distance
- Ruggedized Android tethered handset
- IP67 rated single cable ADU Antenna with FB fixing patterns
- IP52 BDU Terminal, rack or hull mounted
- 4G LTE ready, softphone capable
- Embedded 802.11 b/g Wi-Fi access point
- Multiple user capability, up to 12 connected devices
- Application enabled functionality for Android and iOS

## THE SOLUTION VesseLINK on Iridium

### Technical Parameters

<b>Size</b>	28 cm x 21.6 cm x 5.9 cm
<b>Weight</b>	2.8 kg
<b>Power</b>	12 VDC input, 11A max (7A avg.), includes powering external HGA-2 Antenna
<b>Connectors</b>	Front: RJ-45 LAN (3) Class 3 PoE RJ-45 WAN (1) for cellular connection RJ-14 POTS (2, breakout) 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 BAA-H2 Antenna Wi-Fi reverse SMA SIM slot, Standard
<b>Mechanical Vibration and Shock</b>	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 vessel communications need from safety services to operational reporting and logging

<b>Size</b>	35.6 cm dia. x 22.9 cm h
<b>Weight</b>	3.2 kg
<b>Power</b>	Directly powered by the terminal at 24 VDC
<b>Operating Temperature</b>	-30 to +55 degrees C
<b>Mechanical Vibration and Shock</b>	MIL-STD-810G, Test Method 514.6, Proc. 1, Category 20, Annex D MIL-STD-810G, Test Method 516.6, Proc. IV
<b>Salt-Fog/Corrosion Standard</b>	IEC 60945, Section 8.12

**THALES** – 22605 Gateway Center Drive, Clarksburg, MD 20871  
Email: [satcomsolutions@thalesdsi.com](mailto:satcomsolutions@thalesdsi.com) Phone: 1-800-324-6089

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