

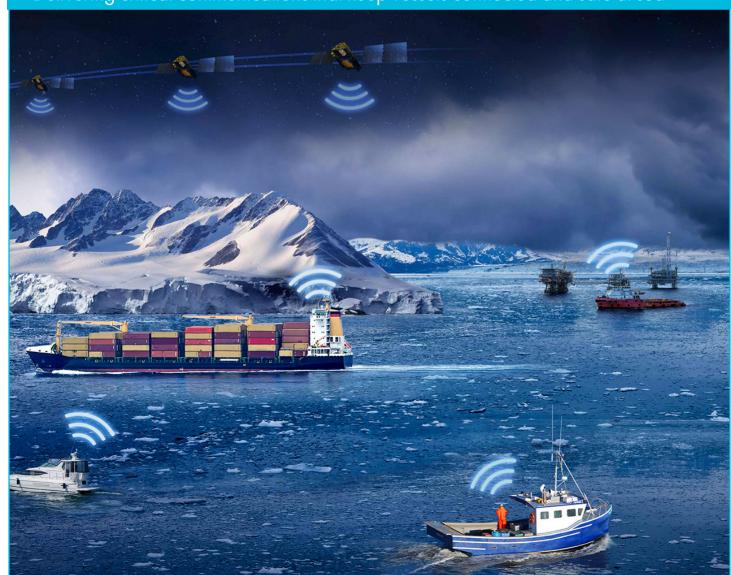
- Reliable satellite communications for at sea operations
- Providing 100% global coverage you can depend on
- Enabling essential communications for critical operations and enhanced safety features
- Simple, adaptable and robust to meet the unique challenges of maritime environments
- Delivering data and voice communications with low latency



<MARINE OPERATIONS>

## Thales VesseLINK™

Delivering critical communications that keep vessels connected and safe at sea





<MARINE OPERATIONS>

## Thales VesseLINK

Thales VesseLINK utilizing Iridium Certus<sup>SM</sup> 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.

Thales 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 the poles. The solution utilizes this robust network service to provide highly reliable, mobile and essential voice, text and web communications.

## **MULTI-SERVICES PLATFORM**

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

## **SOLUTION READY FEATURES**

- 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

**ANTENNA SPECIFICATIONS** 

- Multiple user capability
- > Application enabled functionality for Android and iOS

TECHNICAL PARAMETERS	
Size	12 in x 9 in x 3 in (30.5 cm x 22.9 cm x 7.6 cm)
Weight	7.5 lb (3.4 kg)
Power	12 VDC input, 11A max (7A avg.), includes powering external VesseLINK 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

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		
Size	14 in dia. x 9 in h (35.6 cm dia. x 22.9 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	



<sup>&</sup>gt; Specifications are subject to change without notice.