

- 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 up to 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 802.11b/g Wi-Fi access point
- > Multiple user capability
- > Application enabled functionality for Android and iOS

## TECHNICAL PARAMETERS

<b>Size</b>	12 in x 9 in x 3 in (30.5 cm x 22.9 cm x 7.6 cm)
<b>Weight</b>	7.5 lb (3.4 kg)
<b>Power</b>	12 VDC input, 11A max (7A avg.), includes powering external VesselINK High Gain Antenna
<b>Connectors</b>	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
<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>	14 in dia. x 9 in h (35.6 cm dia. x 22.9 cm h)
<b>Weight</b>	7 lb (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>	IEC 60945, Section 8.7.1 and 8.7.2 MIL-STD-810G, Test Method 516.6, Proc. IV
<b>Salt-Fog/Corrosion Standard</b>	IEC 60945, Section 8.8

> Specifications are subject to change without notice.

