



Preferred Communications

VesseLINK™
Delivering critical
communications that keep vessels
connected and safe at sea

- 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

Thales VesseLINK™



VesseLINK™ utilizing Iridium CertusSM 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 CertusSM 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

ADDITIONAL 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	
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

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	
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



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