THALES
VesseLINK™

THALES

VesseLINK

Enabling connections
to accelerate your business,
enhance safety and wellbeing at sea

Safety Services
- Voice and data-enabled delivering up to 3 dedicated voice channels
- Telemedicine capable
- Location tracking

Operational Enhancements
- Enhanced at-sea reporting, service logging, crew connectivity, system/cargo monitoring and other operational requirements
- Real-time weather
- Embedded 802.11b/g Wi-Fi Access point
- Multiple user capability, up to 12 connected devices
- Application enabled functionality for Android and iOS devices

SIMPLE - VERSATILE
POWERFUL

No matter where your operation takes you, Thales delivers

www.pernika.com
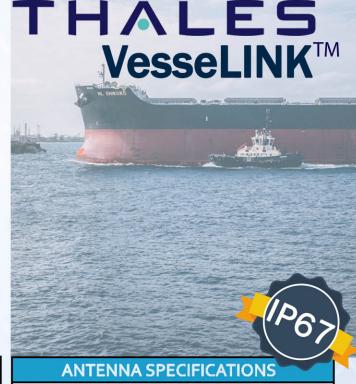
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MULTI-SERVICES PLATFORM

- 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 802.1 1b/g Wi-Fi access point
- Multiple user capability
- Application enabled functionality for Android and iOS

IP67

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

a trusted communications provider for elite naval operations around the world

Thales VesseLINK utilizing **Iridium Certus**[SM] 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**[SM] 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.

EASILY INTEGRATES with your existing equipment to fully digitize your vessel.

Iridium Certus[SM]