



# THALES VESSELINK™

MARITIME



A truly adaptable global communications solution for critical marine operations



RELIABLE SATELLITE  
COMMUNICATIONS  
FOR AT-SEA  
OPERATIONS

100% GLOBAL  
COVERAGE YOU  
CAN DEPEND ON

PROVISION FOR  
ESSENTIAL  
COMMUNICATIONS  
DURING CRITICAL  
OPERATIONS AND  
ENHANCED SAFETY  
FEATURES

SIMPLE, ADAPTABLE,  
AND ROBUST TO MEET  
THE UNIQUE  
CHALLENGES  
OF MARITIME  
ENVIRONMENTS

LOW LATENCY DATA  
AND VOICE  
COMMUNICATION



The Thales VesseLINK operates using **Iridium Certus broadband** services. This gives you critical global communications coverage for marine operations. The Thales VesseLINK provides highly reliable mobile and essential voice, text and web 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.

## Key Features

### Technical parameters

- Size: 30.5 cm x 22.9 cm x 7.6 cm
- Weight: 3.4 kg
- Power: 12 VDC input, 11 A max (7 A avg.), includes powering of external VesseLINK High-Gain Antennae
- Standard Data Rate: Up to 700 kbps (down), up to 352 kbps (up)
- Streaming IP: Up to 256 kbps
- 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, +12V regulated
  - GPIO (RS-232, +12V out, DISTRESS, Radio Gateway, GPIO)
  - TNC Connector, RF connection to Antennae
  - Wi-Fi reverse SMA
  - SIM slot

- Mechanical Vibration and Shock: MIL-STD-81 DG, Test Method 514.6, Proc. I, Category 20, Annex D MIL-STD-81 DG, Test Method 516.6, Proc. IV
- 3 high quality voice lines
- Location tracking
- 4G LTE ready, softphone application for iOS and Android
- Multiple user capability

### Antenna specifications

- High-gain, electronic phased array antenna to enable the fastest upload and download speeds that cover any vessel communication needs from safety services to operational reporting and logging
- Size: 35.6 cm dia. x 22.9 cm h
- Weight: 3.2 kg  
Power: Directly powered by the terminal at 24 VDC
- Operating temperature: -30 to +55 °C
- Mechanical Vibration and Shock: IEC 60945, Section 8.7.1 and 8.7.2 MIL-STD-81 DG, Test Method 516.6, Proc. IV
- Salt-Fog/ Corrosion Standard: IEC 60945, Section 8.8