

# Thales VesseLINK™ on Iridium Certus<sup>SM</sup>

Dependable  
maritime satcoms,  
from pole-to-pole.



# Thales VesseLINK™

## Enabling enhanced business operations and crew welfare while in the harshest maritime environments.

- Robust, light-weight communications for at sea operations
- Certus 700 services (352kbps up/704kbps down & 256 kbps streaming capable)
- 100% global satellite coverage and low latency for critical data and voice communications
- Easily integrates terrestrial cellular or VSAT with built-in preferred routing switch



BELOW DECK UNIT SPECIFICATIONS	
<b>SIZE</b>	12 in x 9 in x 2.3 in (30.5 cm x 22.9 cm x 5.8 cm)
<b>WEIGHT</b>	7.5 lb (3.4 kg)
<b>POWER OPTIONS</b>	Option 1: 10-32VDC Option 2: AC/DC supply with 12VDC *65W nominal/120W max
<b>IP RATING</b>	IP31
<b>CONNECTORS</b>	Front: RJ-45 LAN (3) Class 2 PoE RJ-45 WAN (1) for cellular, VSAT and other IP connections, RJ-14 POTS (2 independent phone lines)  Rear: DC Power Input (10-32V) MIL-STD-1275D, DC Power Input (+12V Regulated), GPIO (RS-232, +12V out, Emergency, Radio Gateway, Discrete I/O), TNC - RF connection to Antenna, Wi-Fi - Reverse SMA, SIM card slot
<b>MECHANICAL VIBRATION AND SHOCK</b>	MIL-STD-810G, Test Method 514.6, Procedure 1, Category 20, Annex D Mil-STD 810G, Test Method 516.6, Procedure IV

ABOVE DECK UNIT SPECIFICATIONS	
High-gain, electronic phased array antenna with no moving parts to enable the fastest upload and download speeds to cover any vessel communications need from safety services, tracking and location services, and out-of-band management to operational reporting and data transfers.	
<b>SIZE</b>	14.5 in dia. x 7.8 in h (36.8 cm dia. x 19.8 cm h)
<b>WEIGHT</b>	6.2 lb (2.8 kg)
<b>POWER</b>	Directly powered by the terminal at 24 VDC
<b>IP RATING</b>	IP67
<b>OPERATING TEMPERATURE</b>	-60 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.

### Thales Defense & Security, Inc.

22605 Gateway Center Drive | Clarksburg, MD 20871  
 TF+1.800.914.0303 | P:+1.240.864.7643  
 solutions@thalesdsi.com | www.thalesdsi.com



2083:020320:V5

Thales has a policy of continuous development and improvement and consequently the equipment may vary from the description and specification in this document. This document may not be considered as a contract specification. Graphics do not indicate use or endorsement of the featured equipment or service. Copyright © 2020 Thales