

THALES

Thales VesseLINK™ on Iridium CertusSM

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 (352 kbps up / 704 kbps 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 UNITS SPECIFICATIONS	
SIZE	12 in x 9 in x 2.3 in (30.5 cm x 22.9 cm x 5.8 cm)
WEIGHT	7.5 lb (3.4 kg)
POWER OPTIONS	Option 1: 10–32VDC Option 2: AC/DC supply with 12VDC *65W nominal / 120W max
IP RATING	IP31
CONNECTORS	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
MECHANICAL VIBRATION AND SHOCK	MIL-STD-810G, Test Method 514.6, Procedure 1, Category 20, Annex D Mil-STD 810G, Test Method 516.6, Procedure IV

ABOVE DECK UNITS 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.	
SIZE	14.5 in dia. x 7.8 in h (36.8 cm dia. x 19.8 cm h)
WEIGHT	6.2 lb (2.8 kg)
POWER	Directly powered by the terminal at 24 VDC
IP RATING	IP67
OPERATING TEMPERATURE	–60 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

*Specifications are subject to change without notice.

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