

Iridium Certus VesseLINK 700



Maritime



Voice



Data 352 / 704 kbps



Tracking



- > Maritime satellite communication solution :
- > Voice and data up to 352/704 Kbits
- > Voice: up to 3 simultaneous lines
- > 4G LTE compatible, iOS and Android applications, integrated WiFi 802.11 b/g
- > Simplified configuration by Web server or API for integration and back-up of other solutions (VSAT)
- > Quick installation to deploy
- > "Rackable" modem as an option
- > Compact and omnidirectional antenna deployable up to 100m

IRIDIUM CERTUS / THALES VesseLINK 700

The THALES VesseLINK 700 terminal consists of a modem and a deployable antenna.

Dedicated to maritime applications for communicating at sea, the VesseLINK 700 benefits from the performance of the new IRIDIUM NEXT constellation to communicate at high speed from a small omnidirectional antenna and offer quality voice services, functional for connecting Internet and specific for setting up professional applications.

The VesseLINK 700 terminal is entirely designed and manufactured by THALES, world leader in civil and military equipment.

The IRIDIUM NEXT constellation includes 66 new generation satellites that replace the previous ones.

The IRIDIUM CERTUS offer makes it possible to communicate by voice and simultaneously to connect to the Internet to exchange emails and browse, from 352 Kbit/s to 704 Kbit/s.

Specifications

Features

Dimensions	Terminal: 305 x 229 x 58 mm Antenna: Ø:368 mm, H:198 mm
Weight	Terminal: 3.4 kg Antenna: 2.8 kg
Services	Voice high quality: 3 lines IP standard: 352 / 704 kbit/s (Up / Down)
Accessories included	Modem & Antenna Antenna cable 25 m Converter AC/DC 12v-160w Power cable / input 10-32V DC Installation guide, Ethernet cable & Quick notice
Accessories in option	Antenna cables Installation bracket & mount Thales IP handset Android ruggedised LTE/4G Modem option

Terms of use

Temperature	-40° to +55°C
Ingress protection	Modem: IP31 Antenna: IP67



Interfaces

Terminal - Satellite	1616 - 1626.5 MHz (L-Band)
Intersatellite	23.18 - 23.38 GHz (Ka-Band)
Data (for PC)	2 x LAN RJ-45 1 x RJ-45 (Analog phone) WiFi 802.11 b/g
Power Supply	10 - 32 V DC
Additional	TNC antenna connector, On/Off switch, status led, batteries, SIM card reader

Global coverage



Iridium CERTUS 700 Maritimes Services

All pricing plans take into account a commitment period of 3 months and an allocation in MB which varies from zero to 10 GB / month. In all cases, communications are invoiced according to the volume exchanged by MB during an Internet connection and by the minute by telephone.

E-SAT offers communication control tools to better control your costs.

Iridium NEXT Constellation

Type	LEO satellites
Satellites	66 + spare
Altitude	780 km
Coverage	Global, Poles included



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