E-SAT

SATELLITE COMMUNICATIONS

iridium®
connected

IRIDIUM CERTUS® 200

Iridium Certus MissionLINK 200

Terrestrial Voice Data 176/176 kbps Tracking

> Terrestrial satellite communication solution :

> Voice and data up to 176 Kbit/s symmetrical speed in shared mode.

> Voice: up to 3 simultaneous lines

> 4G LTE compatible, iOS and Android applications, integrated WiFi 802.1 1b/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 deportable up to 100m

THALES

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IRIDIUM   CERTUS / THALES MissionLINK 200

The THALES MissionLINK 200 terminal consists of a modem and a deportable antenna.

The MissionLINK 200 lends itself to fixed terrestrial use or in-vehicle to communicate worldwide with global coverage. In voice up to 3 simultaneous channels and for an Internet connection up to 176kbit/s with a symmetrical speed.

This terminal is build around its omnidirectional active antenna (small form factor), thus facilitating its installation in an open location. The electronic unit integrates all the interfaces, voice, Ethernet and Wifi to connect your equipment & applications.

The MissionLINK 200 modem is for anyone who wants a satellite connection for low-volume data exchange and phone calls, as a way to main communications or as a back-up to other solutions.

The MissionLINK 200 terminal is entirely designed and manufactured by THALES, world leader in civil and military equipment.
The IRIDIUM NEXT constellation includes 66 next-generation satellites.
The IRIDIUM CERTUS offer makes it possible to communicate by voice and simultaneously to connect to the Internet to exchange emails and browse up to 176 Kbit/s.

TÉLÉCOMMUNICATIONS PAR SATELLITES

Specifications

Features

Dimensions	Terminal: 305 x 229 x 58 mm Antenna: Ø:125 mm, H:140 mm
Weight	Terminal: 3.4 kg Antenna: 0.7 kg
Services	Voice high quality: 3 lines IP standard: 176/ 176 kbit/s (Up / Down)
Accessories included	modem & Antenna Power cable / input10-32V DC Install Guide CD-ROM, Ethernet cable & Quick notice
Accessories in option	Antenna cable 10m or 25m Power supply AC/DC: 85-264VAC, 12VDC,160W Magnetic mount for antenna, Thales IP handset Android ruggedised LTE/4G Modem option & Pelicase with Batteries

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)	3 x 1 LAN RJ-45 1 x 1 WAN RJ-45 (Cellular modem) 1 x 1 RJ-14 (phone) WiFi 802.1 1b/g
Power	10 - 32 V DC (11 Amp max.)
Additional	TNC antenne connector, On/Off switch, statuts LEDs, SIM reader

Global coverage

Iridium CERTUS 200 Land Services

- Wide choice of subscriptions with monthly allocations from 20 MB to 2 GB
- Dynamic shared group service available for all subscriptions (except for the one including 20MB)
- Minimum commitment period 2-3 or 12 months depending on the subscription
- Prepaid recharges from 5 to 90 minutes
- Data communications billed according to the volume exchanged per Mega Byte (MB)
- Voice communications billed per minute

Iridium NEXT Constellation

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