NI EVERY MissionLINK 700

The most advanced PELI® Case solution for extreme and truly portable mobile satellite communication requirements.

Overview

The NI EVERY PELI Case Solution, designed for the Iridium Certus 700 satellite service, enables global communication coverage regardless of the landscape, the weather conditions (IP-64), and the availability of power.

All NI EVERY PELI Case solutions fully operate when the lid is closed (no manual pointing is needed), working completely autonomously via the included batteries for up to 12 hours (depending on the satellite terminal and the data usage).

Our NI EVERY MissionLINK offers the most advanced features for extreme and really portable mobile satellite communication requirements.

Overview

Estonia is a digital nation and President Kaljulaid is used to always being online. On an expedition to Antarctica, this was a challenge. There are no terrestrial networks to establish data connections.

Our NI EVERY case solutions enable global critical satellite-based communication. Thanks to the NI EVERY MissionLINK, President Kaljulaid was able to digitally sign important documents in Antarctica using a satellite internet connection and send them to Estonia.

Smart Batteries

- Detachable 98 Wh micro V-Mount batteries
- USB-Port for smartphone charging
- Charging level & health indicator
- Allowed as hand luggage

Waterproof

- All electronics are integrated into the well-known and military approved PELI Cases
- IP64 rated

Hot-Swap Function

- Swap the batteries without interruption for endless off-grid operation
- Additional batteries and external fast chargers are available on request

Colours

- Available colours: Black, yellow, silver, orange, OD green, and desert tan

Flyable

- All-in-one trolley
- Airline checkable
- Batteries must be carried in hand luggage
- IP-67 Interfaces
- 3m Ethernet cable
- 3m 12V DC vehicle cable
- External charger for 90 to 264V AC

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LTE Option

The NI EVERY - LTE option offers wireless LTE connectivity as the priority link and has an automatic fail-over to the satellite service when the LTE connection is lost or not available.

World-class proven LTE gateways from Sierra Wireless (AirLink® LX60) are used for commercial & enterprise LTE network connectivity.

The AirLink LX60 is fully licensed for North America, EMEA, or Australia & New Zealand.

DRIVE Option

The DRIVE option allows the antenna of the satellite terminal to be removed from the case without tools to be mounted on the roof of a vehicle using magnetic feet. This enables full connection to the satellite network while driving.

All antennas can be used inside or outside the PELI Case while the lid is closed.

Smart Battery Project

The integrated battery protection disconnects the battery before it has insufficient power left to crank the engine, using a cigarette lighter cable.

The remaining battery capacity of the car battery can be controlled via a Smart battery protect App for smartphones.

Package content

EVERY MissionLINK 200	• PELI Case 1560
	• Thales MissionLINK
	• High gain Wi-Fi antenna
	• BatteryProtect (built in)
	• External charger (incl. travel case)
	• 3m vehicle cable
	• 3m ethernet cable
	• 2 x 98Wh/ 6.8Ah batteries (incl. travel case)
	• Quick start guide

LTE option

Following interfaces will change:	• - 1 x sat only RJ-45 ethernet port
	• + 1 x LTE with sat failover RJ-45 ethernet port
Following components will change:	• - Wi-Fi antenna
	• + AirLink LX60 LTE router
	• + SharkFin 4in1 antenna (LTE, diversity, Wi-Fi & GPS)

DRIVE option

Following interfaces will change:	• + 1 x TNC port (external)
Following components will change:	• + Antenna socket with cable compartment
	• (Antenna will no longer be mounted stationary in the case)

Specifications

Weight	20.0 Kg
Dimensions	61.4 x 46.5 x 30.7 cm
Environmental conditions	Dust and water IP-64 protection class -30°C to +55°C operating -22°F to +131°F operating
Interfaces	Dual band 802.11ac Wi-Fi hot-spot 2 x External ethernet port (RJ-45) 1 x External phone port (RJ-45)
External power supply	Input voltage 90 - 264V AC Output voltage 16.8V DC (84W)
Vehicle power supply	Input voltage 12V DC
Battery	2 x detachable batteries (98 Wh/ 6.8 Ah) External 2 channel battery charger (90 - 264V AC)
Communication	Thales MissionLINK* up to 700 kbps (down) up to 352 kbps (up) 256 kbps (streaming)