

NI EVERY MissionLINK

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).



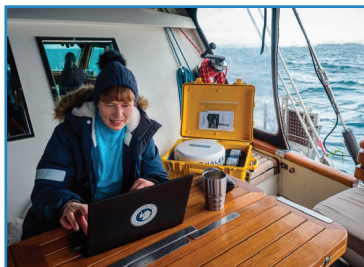
Our NI EVERY MissionLINK offers the most advanced features for extreme and really portable mobile satellite communication requirements.

NI EVERY Case Study: First Digital Signature from Antarctica

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



NI EVERY MissionLINK

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



More Features

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.

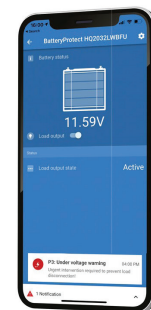
All antennas can be used inside or outside the PELI Case while the lid is closed.



Smart Battery Project

The integrated battery protect 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.



NI EVERY MissionLINK

Specifications

Weight 20.0 Kg

Dimensions 61.4 x 46.5 x 30.7 cm

Environmental Conditions

Dust and water IP-64 protection class

Temperature -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 s (RJ-45)

1 x External phone port (RJ-45)

Power

External power supply:

Input voltage 90 - 264V AC
Output voltage 16.8V DC (84W)

Vehicle:

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)



Other Features

Commercial and Enterprise LTE network

LX60 versions fully licensed for North America, EMEA and Australia & New Zealand are available

Fully autonomous tracking antenna acquires and tracks the BGAN satellite signal while on-the-move or on-the-pause

Victron Energy Smart BatteryProtect

Package Content

NI EVERY MissionLINK:

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

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)

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)

Product Numbers

NI EVERY MissionLINK 00003250

DRIVE option 00003266

LTE option 00003259