AST Enabling Global Connectivity

AST Every MissionLINK 700

Instant connectivity on-the-move, everywhere.

The AST Every MissionLINK 700 utilises the Iridium Certus 700 network giving instant access for critical communications anywhere on the planet.

This Dual Mode (LTE and Satellite) solution enables global communications coverage regardless of the landscape, the weather conditions and the availability of power.

Instant Connectivity

This battery powered portable solution identifies the best wireless connection both LTE and Satellite for essential communication anywhere on the planet.

Iridium Certus®

Powered by the Iridium NEXT low-Earth orbit satellite constellation, Iridium Certus® redefines the capabilities of mobile satellite communications across maritime, IoT, aviation, land mobile, and government applications.

Thales MissionLINK

IP data sessions up to 704 kbps (down) and 352 kbps (up)
 - Streaming to 256 kbps
 - 3 quality voice lines
 - Location tracking (via AST IRIS)

GSM-enabled*

Global SIMs working within 600 GSM-operators in 120 countries so that no sim card change is needed as you change location or country.

Fastest L-Band

Industry leading L-Band data throughput, the Iridium Certus® network is ideal for supporting critical connectivity needs regardless of location, terrain, and weather events.

Portable

The AST Every MissionLINK 700 is fully operational and IP-54 protected when the lid is closed. It is available in various colours to fit purpose; yellow, black, orange, desert tan and OD green.

Multiple Power Options

- External power, 12V DC and 90 to 264V AC

- Detachable batteries (2 x 98 Wh which can be carried in commercial airplanes)

- Hot-swap function, swaps the batteries without interruption for endless off grid operation

- Battery Protect (disconnects the battery before it has insufficient power left to crank the engine, using a cigarette lighter cable)

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Specification

Product Specification

Dimensions: 61.4 cm x 46.5 cm x 30.7 cm
Weight: 20 kg
Communication: Thales MissionLINK 700
- Up to 704 kbps (down)
- Up to 352 kbps (up)
- 256 kbps (streaming)

Environmental Conditions

Dust and Water
IP-54 protection class

Temperature
-30 Degrees Celsius to +55 Degrees Celsius operating
-22 Degrees Fahrenheit to +131 Degrees Fahrenheit operating

Interfaces

Dual Band 802.11ac Wi-Fi hotspot
2 x External Ethernet Ports (RJ-45)
1 x External Phone Port (RJ-14)

Power

External Power Supply
Input Voltage: 90-264V AC
Output Voltage: 16,8V DC (85W)

Vehicle
Input Voltage   12V DC

Battery
2 x Detachable Batteries (98Wh)

Features

Commercial and Enterprise LTE* Network connectivity in North America, EMEA, Australia and New Zealand licensed.
Omni-directional Satellite Antenna (no pointing required)
Victron Energy Smart Battery Protect
*GSM sim cards not included

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For more information on our global satelllite solutions, please contact Applied Satellite Technology (AST) on
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