

# Thales MissionLINK<sup>®</sup> on Iridium Certus<sup>®</sup>

Dependable and Robust Satcoms,  
Covering Every Continent.



# Thales MissionLINK®



Thales MissionLINK provides global terrestrial communications coverage, anywhere in the world. Unaffected by weather or landscape, it is the solution to depend on for essential communications wherever your mission takes you. Whether you operate as part of a deployed force or a single individual, this solution is designed to meet your unique challenges through a simple, adaptable and robust design. MissionLINK operates using Iridium Certus broadband services over a network of 66 satellites that cover 100% of the globe. The solution utilizes this robust network service to provide highly reliable, mobile and essential voice, text and web communications for fixed sites and mobile users.

## Technical Specifications

### Key Features

- Iridium Certus 700 Services (352kbps Up/704kbps Down & 256 kbps Streaming Capable)
- 100% Global Satellite Coverage and Low Latency for Critical Data and Voice Communications
- Satellite to Land Mobile Radio Extendable Network Through a Unique Radio Gateway
- Easily Integrates Terrestrial Cellular with Built-in Preferred Routing Switch
- Supports Up to (3) Concurrent Wi-Fi Devices

### Terminal Specifications

**Height:** 2.3 inches (5.8 cm)

**Width:** 12 inches (30.5 cm)

**Depth:** 9 inches (22.9 cm)

**Weight:** 7.5 pounds (3.4 kg)

Power Options

**Option 1:** 10–32 VDC

**Option 2:** AC/DC supply with 12 VDC (65 watt nominal/120 watt max)

**IP Rating:** IP31

**Front Connectors:** RJ-45 LAN (3) Class 2 PoE RJ-45 WAN (1) for cellular, VSAT and other IP connections, RJ-14 POTS (2 independent phone lines)

**Rear Connectors:** DC Power Input (10–32V) MIL-STD-1275D, DC Power Input (+12V Regulated), GPIO (RS-232, +12V out, Emergency, Radio Gateway, Discrete I/O), TNC — RF connection to Antenna, Wi-Fi — Reverse SMA, SIM card slot

**Mechanical Vibration and Shock:**

MIL-STD-810G, Test Method 514.6, Procedure 1, Category 4, Annex C  
MIL-STD-810G, Test Method 516.6, Procedure IV

High-gain, electronic phased array antenna with no moving parts to enable the fastest upload and download speeds to cover any land communications need from safety services, tracking and location services, out-of-band management to operational reporting and data transfers.

### Antenna Specifications

**Size:** 14.5 inches diameter x 4.1 inches high (35.6 cm diameter x 10.2 cm high)

**Weight:** 6.2 pounds (2.8 kg)

**Power:** Directly powered by the terminal at 24 VDC

**IP Rating:** IP66

**Operating Temperature:** -60 to +55° C

**Mechanical Vibration and Shock:**

MIL-STD-810G, Test Method 514.6, Procedure 1, Category 20, Annex D  
MIL-STD-810G, Test Method 516.6, Procedure IV

Specifications are subject to change without notice.

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2801:062020:V6

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