speedcast

THALES

Thales MissionLINK®
on Iridium Certus℠

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

➤ Certus 700 Services (352kbps Up/704kbps Down & 256 kbps Streaming Capable)

➤ 100% Global Satellite Coverage and Low Latency for Critical Data and Voice Ccommunications

➤ 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: -40 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

iridium® connected

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LLOYD'S REGISTER·LRQA
ISO 9001 · AS 9100