

Thales MissionLINK 200

Same dependable and robust comms, smaller antenna. On Iridium Certus.

Overview

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.



Key Features

- Certus 200 Services (176 kbps Up/Down)
- 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
- Dependable and robust satcoms, covering every continent



Thales MissionLINK 200

Technical 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 maximum)
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 & Shock	MIL-STD-810G w/Change 1, Test Method 514.7, Category 4

Low-gain omnidirectional antenna 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	5 inches dia. x 5.5 inches h (12.5 cm dia. x 14 cm h)
Weight	<0.7 kg/1.5 lbs
Power	Directly powered by the terminal at 24 VDC
IP Rating	IP67
Operating Temperature	-40 to +55° C
Mechanical Vibration and Shock	MIL-STD-810G w/Change 1, Test Method 514.7, Category 4