THALES

MISSIONLINK CERTUS 200

The MissionLINK Certus 200 is a global terrestrial communications solution that provides coverage anywhere in the world, unaffected by weather or landscape.

It is designed to meet the unique challenges of deployed forces or individuals, using Iridium Certus broadband services over a network of 66 satellites to offer highly reliable, mobile, and essential voice, text, and web communications for fixed sites and mobile users.

TERMINAL SPECIFICATIONS	
Dimensions	2.3 x 12 x 9 inches (5.8 x 30.5 x 22.9 cm)
Weight	7.5 lb (3.4 kg)
Power Options	Option 1: 10-32 VDC Option 2: AC/DC supply wih 12 VDC (65W nominal/120W 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 w/Change 1, Test Method 514.7, Category 4

ANTENNA SPECIFICATIONS	
Dimensions	5 inches diameter x 5.5 inches height (12.5 cm diameter x 14 cm height)
Weight	1.5 lb (<0.7 kg)
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

DMX-2024-03

Danimex™

WHEN YOU NEED TO TALK

THALES

MISSIONLINK CERTUS 700

The MissionLINK Certus 700 is a global communications solution utilising Iridium Certus broadband services over a network of 66 satellites, providing reliable communications worldwide.

The Iridium Network offers unique advantages such as global coverage, minimised line-of-sight issues, shorter transmission paths, and resilience to adverse weather due to its Low Earth Orbit architecture. The service offers top download speeds up to 704 Kbps, unmatched speed, coverage, and reliability.

TERMINAL SPECIFICATIONS

Dimensions	2.3 x 12 x 9 inches (5.8 x 30.5 x 22.9 cm)
Weight	7.5 lb (3.4 kg)
Power Options	Option 1: 10-32 VDC Option 2: AC/DC supply wih 12 VDC (65W nominal/120W 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 20, Annex D Mil-STD 810G, Test Method 516.6, Procedure IV

ANTENNA SPECIFICATIONS

Dimensions	14 inches diameter x 4 inches height (35.6 cm diameter x 10.2 cm height)
Weight	6.2 lb (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

DMX-2024-03

Danimex™

WHEN YOU NEED TO TALK