



THALES MISSIONLINK 700

LAND



The Definite Solution for Your Critical Communication Needs



**RELIABLE SATELLITE
COMMUNICATIONS FOR
WHEREVER YOUR
MISSION TAKES YOU**

**100% GLOBAL
COVERAGE YOU
CAN DEPEND ON**

**ENHANCED SAFETY
FEATURES AND
PROVISIONS
FOR ESSENTIAL
COMMUNICATIONS
DURING CRITICAL
OPERATIONS**

**FUTURE-PROOFED
SOLUTIONS FOR
NEXT-GENERATION
HIGH SPEED SERVICES**

**SIMPLE, ADAPTABLE,
AND ROBUST
REGARDLESS
OF THE SITUATION,
ENVIRONMENT
OR LOCATION**

**LOW LATENCY
DATA AND VOICE
COMMUNICATION**



MissionLINK 700 delivers critical communications to keep you connected regardless of the landscape. It is the reliable solution for essential communications whether you operate as part of a deployed force or as an individual. This commercialised, military-grade solution is designed to meet your unique challenges through a simple, adaptable, and robust design.

MissionLINK 700 is powered by Iridium Certus®, the only satcom broadband network with pole-to-pole coverage. In the capacity of Iridium® partner, IEC Telecom delivers high-end satcom services to its customers all over the globe since 2013.

KEY FEATURES

Technical parameters

- Size: 28 cm x 21.6 cm x 5.9 cm
- Weight: 2.8 kg
- Power: 12 VDC input, 11 A max (7 A avg.), includes powering external HGA-2 antenna
- Standard Data Rate: Up to 700 kbps (down), up to 352 kbps (up)
- Streaming IP: Up to 256 kbps
- Connectors front:
 - RJ-45 LAN (3) Class 3 PoE
 - RJ-45 WAN (1) for cellular connection
 - RJ-14 POTS (2) breakout
- Connectors rear:
 - DC power input (10-32V) MIL-STD-1275D, + 12V regulated
 - GPIO (RS-232, + 12V out, DISTRESS, Radio Gateway, GPIO)
 - TNC connector, RF connection to BAA-H2 antenna
 - Wi-Fi reverse SMA
 - SIM slot, standard
- Mechanical Vibration and Shock:

- MIL-STD-810G, Test Method 514.6, Proc. I, Category 20, Annex D
- MIL-STD-810G, Test Method 516.6, Proc. IV

- 3 standard & high quality VOIP voice lines
- SBD & circuit switch (up to 64 kbps)
- Location tracking
- PTT ready

Antenna specifications

- High-gain, electronic phased array antenna to enable the fastest upload and download speeds that cover any communications need from safety services to operational reporting and logging
- Size: 35.6 cm dia. x 10.2 cm h
- Weight: 3.2 kg
- Power: directly powered by the terminal at 24 VDC
- Operating temperature : -30 to +55 °C
- Mechanical Vibration and Shock:
 - MIL-STD-810G, Test Method 514.6, Proc. I, Category 20, Annex D
 - MIL-STD-810G, Test Method 516.6, Proc. IV