



# 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**



The Thales MissionLINK 700 operates using **Iridium Certus broadband** services and delivers critical communications to keep you connected regardless of the landscape. It is the reliable solution for essential communications wherever your mission takes you. Whether you operate as part of a deployed force or as a single individual, this commercialized, military-grade solution is designed to meet your unique challenges through a simple, adaptable, and robust design.

## 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