

# Thales MissionLINK<sup>®</sup> on Iridium Certus<sup>SM</sup> Data Sheet

Dependable and  
robust satcoms,  
covering every  
continent.



Mackay

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# Thales MissionLINK®

## Critical global coverage regardless of landscape or location.

- Capable up to Certus 700 services (352kbps up / 704kbps down & 256kbps streaming)
- 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 in-box least cost routing switch



TERMINAL SPECIFICATIONS	
<b>SIZE</b>	12in x 9 in x 3 in (30.5 cm x 22.9 cm x 7.6 cm)
<b>WEIGHT</b>	7.5 lb (3.4 kg)
<b>POWER</b>	10-32 VDC input, 11A max (6A avg.), includes powering external MissionLINK High Gain Antenna
<b>CONNECTORS</b>	Front: 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: 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
<b>MECHANICAL VIBRATION AND SHOCK</b>	MIL-STD-810G, Test Method 514.6, Procedure 1, Category 20, Annex D Mil-STD 810G, Test Method 516.6, Procedure IV

ANTENNA SPECIFICATIONS	
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.	
<b>SIZE</b>	14 in dia. x 4 in h (35.6 cm dia. x 10.2 cm h)
<b>WEIGHT</b>	6.2 lb (2.8 kg)
<b>POWER</b>	Directly powered by the terminal at 24 VDC
<b>OPERATING TEMPERATURE</b>	-30 to +55 degrees C
<b>MECHANICAL VIBRATION AND SHOCK</b>	MIL-STD-810G, Test Method 514.6, Procedure 1, Category 20, Annex D Mil-STD 810G, Test Method 516.6, Procedure IV

\*Specifications are subject to change without notice.

### Thales Defense & Security, Inc.

22605 Gateway Center Drive | Clarksburg, MD 20871

Toll-Free: +1.800.324.6089 | Phone: +1.240.864.7695

E-mail: [satcomsolutions@thalesdsi.com](mailto:satcomsolutions@thalesdsi.com) | [www.thalesgroup.com/LINKsatcom](http://www.thalesgroup.com/LINKsatcom)



[www.mackaycomm.com](http://www.mackaycomm.com)

Phone: 919-850-3100  
[satserv@mackaycomm.com](mailto:satserv@mackaycomm.com)