CIPTA PERNIKA NUSANTARA
Reliable Partner for Satellite Communication

THALES

> Reliable satellite communications for wherever your mission takes you

> Providing 100% globally coverage you can depend on

> Enabling essential communications for critical operations and enhanced safety features

> Future-proofed solutions for next-generation higher speed services

> Simple, adaptable and robust to meet the real-life needs of any user, regardless of the situation, environment or location

> Delivering data and voice communications at low latency

‹TERRESTRIAL OPERATIONS›

MissionLINK on Iridium

Delivering critical communications to keep you connected regardless of the landscape

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MissionLINK on Iridium

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MissionLINK on Iridium gives your critical operation global communications coverage regardless of the 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 commercialized, military-grade solution is designed to meet your unique challenges through a simple, adaptable and robust design.

MissionLINK on Iridium operates using Iridium CERTUS[SM] 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.

So, no matter where your operation takes you, Thales delivers.

MULTI-SERVICES PLATFORM

> IP data sessions up to 700kbps (down)/352kbps (up)
> Streaming up to 256kbps
> 3 standard & high quality VOIP voice lines
> SBD & circuit switch (up to 64kbps)
> Location tracking
> PTT ready

SOLUTION READY FEATURES

> Easy to use interface, all functionality available at distance
> Ruggedized Android tethered handset
> 4G LTE ready, Softphone capability
> Application enabled functionality for Android and iOS
> Embedded 802.11b/g Wi-Fi access point
> Multiple user capability, up to 12 connected devices
> Lightweight IP66 rated single cable ADU Antenna
> IP52 BDU Terminal

> THE SOLUTION
MissionLINK on Iridium

Technical Parameters	
Size	28 cm x 21.6 cm x 5.9 cm
Weight	2.8 kg
Power	12 VDC input, 11A max (7A avg.), includes powering external HGA-2 Antenna
Connectors	Front: RJ-45 LAN (3) Class 3 PoE RJ-45 WAN (1) for cellular connection RJ-14 POTS (2, breakout) Rear: DC Power Input (10-32V) MIL-STD-1275D DC Power Input, +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. 1, Category 20, Annex D MIL-STD-810G, Test Method 516.6, Proc. IV

Antenna Specifications

High-gain, electronic phased array antenna to enable the fastest upload and download speeds to cover any vessel 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 degrees C
Mechanical Vibration and Shock	MIL-STD-810G, Test Method 514.6, Proc. 1, Category 20, Annex D MIL-STD-810G, Test Method 516.6, Proc. IV