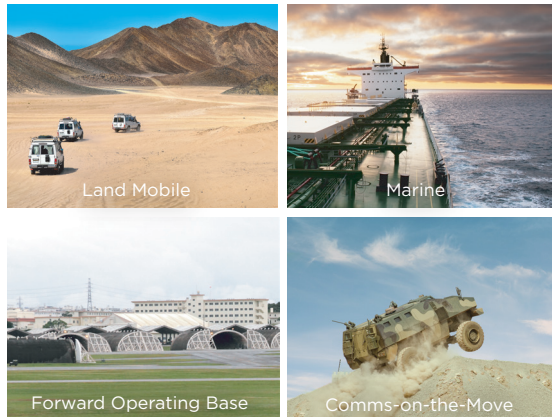


IP Commander



Thuraya IP Commander

Product Description

Thuraya IP Commander is the only choice for communications and connectivity in the harshest terrains. It is a uniquely designed terminal with a MIL-SPEC feature set that has been engineered to enable mission-critical voice and data connectivity in the most extreme conditions.

Simple, quick and easy-to-install, voice and data connectivity can be achieved within minutes, providing reliable broadband access within locations covered by Thuraya's satellite network that covers the global strategic hot zones. **IP Commander** is ideal for military, government, marine, and civil defense applications. It facilitates vital communications at high speeds, essential for C4ISR, blue-force tracking, logistic management and tactical command.

Offering IP data speeds of up to 444kbps, it is the first ruggedized vehicular and marine terminal capable of achieving streaming IP speeds of up to 384kbps as well as user-definable asymmetric streaming functionality.

Key Features

- Purpose-built for fixed, land and marine.
- MIL-SPEC connectors and a chassis that is able to withstand the harshest treatment.
- Simple plug-and-play features that enable a swift mission deployment.
- GUI available in both English & German.
- The terminal boasts a robust voice handset that offers clear and uninterrupted voice connectivity across Thuraya's highly reliable network.
- IP broadband speeds of up to 444kbps.
- Capable of achieving streaming IP speeds of up to 384kbps.
- Can be configured to allow users to manage their upload and download speeds to match their usage and ensure significant savings.
- Thuraya's network dynamic resource allocation minimizes any signal congestion in areas where there are high volumes of communication traffic, ensuring that you stay connected when it matters most.

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IP Commander

Technical Specifications

General Specifications

Standard Speeds:	Up to 444 kbps
Asynchronous Streaming:	16, 32, 64, 128, 256, 384 kbps
Class Type:	Circuit Switched and IP Packet Data

Data Interfaces

WLAN Access Point:	Standard: IEEE 802.11 b/g/n Encryption: WEP, WPA2
LAN:	RJ45 x 1 (IEEE 802.3 10/100 BaseT)
Handset:	Included
SMS Texting:	Yes
Input DC Power:	10 to 34 Volts DC
Input AC Power:	100V - 240VAC 40 - 73Hz

Mechanical

Size:	12.35 in x 6 in x 2.81 in
Weight:	Terminal: 2.95 kg Antenna: 2.3 kg

Environmental

Operating Temperature:	Terminal: -25°C to + 60°C Antenna: -30°C to + 55°C
Storage Temperature:	Terminal: -40°C to + 80°C
Operating Humidity:	Terminal: 95% RH at 40°C
Water & Dust:	Terminal: IP 66 Antenna: IP 56
Impact Protection:	IK10 enclosure
Ice:	25 mm ice non-operational per MIL Spec 810G Method 521.4
Vibration:	Mil-STD-810G Method Mil-STD-202G Method

Radio

Operating Spectrum:	L-Band
Transmit:	1626.5 MHz - 1660.5 MHz
Receive:	1525 HMz - 1559 MHz

Antenna

Maximum Radiated Power:	16 dBW +/- 1dBW
Tracking:	2 axis vehicular/ 3 axis marine (optional)
Wind Loading:	200 kph relative speed
Motion:	Turn rate 40deg/s Angular rate 50deg/s/s



IP COMMANDER

Total versatility
Half the cost
Total Value.