

RELIABLE IN THE EXTREME.

VOYAGER FLAT PANEL MANPACK

KU-BAND SATCOM TERMINAL



**Compact satellite communications
engineered for rapid deployment and
mission-critical connectivity.**

KEY FEATURES

**Ku-Band
Operation****Compact
Lightweight Design****Rapid Deployment
(<5 min)****Integrated
GPS****MIL-STD-810G /
IP65 Rugged****High-Efficiency
Planar Array****Integrated
Encryption****Integrated Call
Manager****Digital
Compass****Wi-Fi &
Bluetooth**

PRODUCT OVERVIEW

The Voyager Flat Panel Manpack is a rugged, compact Ku-band SATCOM terminal designed to provide secure, high-performance communications for tactical operations. Its lightweight form factor enables rapid deployment while integrated encryption, GPS, Wi-Fi, and Bluetooth connectivity support reliable communications in demanding operational environments.



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LEARN MORE
ABOUT THE
FLATPACK**

**MYMILTOPE.COM****(334) 284-8665**

**ENGINEERED &
MANUFACTURED
IN THE USA**

TECHNICAL SPECIFICATIONS & CAPABILITIES

Explore the operational performance, control options, deployment capabilities, and system specifications that make the Voyager Flat Panel Manpack a reliable tactical SATCOM solution.

PERFORMANCE

Antenna Type	High-Efficiency Planar Array
Transmit Frequency	13.75 GHz – 14.5 GHz
Receive Frequency	Full effect generated in under 95 seconds
EIRP	39 dBW
Rx G/T	8 dB/K
Tx Gain	32 dBi
Elevation Range	30°–90°
Polarization	±90°
Deployment Time	< 5 Minutes

ENVIRONMENTAL

Operating Temp	0°C to +51°C
Operating Humidity	95% RH
Operational Wind Speed	30 km/h
Storage Temp	0°C to +71°C
Environmental Rating	IP65
Qualification	MIL-STD-810G

QUALITY & RELIABILITY

Designed for expeditionary SATCOM operations, the Voyager Flat Panel Manpack combines rapid deployment, rugged environmental protection, and reliable Ku-band communications to support mission-critical connectivity in demanding operational environments.

VOYAGER FLAT PANEL MANPACK

SYSTEM IMAGE



PHYSICAL SPECIFICATIONS

Dimensions	420 × 260 × 100 mm
Weight	10 kg

POWER & CONNECTIVITY

Battery Life	Continuous Transmission < 2 Hours
AC Power	96–260 VAC (Optional)
DC Power	12 VDC
Integrated Modem	iDirect e950mp
Data Interface	MIL Standard Connector, Wi-Fi, Bluetooth
Encryptor Interface	MIL Standard Connector
External AC/DC	MIL Standard Connector



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