

RELIABLE IN THE EXTREME.

VOYAGER PARABOLIC MANPACK

TRI-BAND SATCOM TERMINAL

Portable tri-band satellite communications
engineered for rapid deployment in the
world's most demanding environments.



KEY FEATURES



Tri-Band Operation
(Ka / Ku / X)



**High-Performance
Parabolic Antenna**



**Compact & Man-
Portable**



**Automatic Antenna
Pointing**



Rapid Deployment
(<10 Min)



**Wireless Handheld
Control**



**Integrated
GPS Receiver**



**Built-In Digital
Compass**



**Rugged Field
Design**



**Manual or Motorized
Configuration**

PRODUCT OVERVIEW

The Voyager Parabolic Manpack is a rugged, tri-band SATCOM terminal designed to provide secure, high-performance communications in environments where fixed infrastructure is unavailable. Its compact, man-portable design enables rapid deployment with automatic antenna pointing, delivering reliable connectivity for mission-critical operations in remote and contested environments.



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LEARN MORE
ABOUT THE
PARABOLIC



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TECHNICAL SPECIFICATIONS & CAPABILITIES

Review the operational performance, RF capabilities, environmental ratings, and system specifications that enable the Voyager Parabolic Manpack to deliver secure communications in remote and mission-critical environments.

PERFORMANCE

Antenna Type	High-Performance Parabolic
Operating Bands	Ka / Ku / X Band
Auto Acquisition	≤ 3 Minutes
EIRP	Up to 52 dBW (Ku Band)
Reflector Material	Carbon Fibre
Polarization	±90°

MECHANICAL

Configuration	Motorized / Manual
Antenna Size	1 Meter
Weight	<20 kg
Carry Case	2 Field Bags (Optional Single Carry Case)
Travel Range	Motorized Azimuth / Elevation
Reflector Segments	8

ENVIRONMENTAL

Operating Temp	-20°C to 55°C
Humidity	100%
Protection Rating	IP65
Standards	FCC, ITU, Eutelsat Compliant
Wind Loading	<11 m/s Operational

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 PARABOLIC MANPACK

SYSTEM IMAGE



POWER & CONNECTIVITY

System Voltage	48 VDC
Power Consumption	<300 W
Integrated Modem	iDirect 950MP / SMB3310
Wireless Control	Handheld Device
GPS	Integrated
Digital Compass	Integrated



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