Quickly provide broadband IP access at any location with the rapidly deployable Viasat (MMT) AN/TSC-241. This multi-band capable SATCOM terminal delivers IP-based voice, video, and data networking over X-, Ku-, commercial Ka-, and military Ka-bands, including operation with Viasat's high-capacity satellite service.

This portable flyaway terminal is ideal for Forward Operating Bases and emergency response operations, enabling warfighters and first responders to securely access networks and establish command post communications quickly and easily. The Viasat MMT delivers office-like network access, video conferencing, fast file transfers, real-time command and control, and situational awareness information. Dismounted warfighters can use this terminal to quickly access private government networks.

Providing several levels of satellite transport diversity across different networks and satellite constellations, the Viasat AN/TSC-241 is able to switch between an ArcLight® en-route mission comms network, a FDMA EBEM based point-to-point link for early entry operations, and a LinkWay™ MF-TDMA mesh at-the-halt network, simply via a software command. Additionally, the Viasat MMT is designed to switch between military Ka, commercial Ku, X, ViaSat-1 and ViaSat-2/3 constellations, and Ka-Sat (Europe) by following the standard operating procedures of a feed-arm swap.

The terminal includes a ruggedized Viasat CBM-400 modem that does not require additional equipment or tools for setup or operations. A single hardware platform that meets the needs of any mission and application, with waveforms for every satellite networking challenge or operational environment, the Viasat CBM-400 is interoperable with today's networks while providing users with a path toward network convergence. In addition to operating over the CBM-400, the modem-agnostic MMT can interoperate with iDirect modems.

The Viasat MMT provides operators with a unique combination of flexibility, multi-level transport diversity, and access to Viasat's high-capacity satellite constellations, enabling secure and resilient communications, in both benign and contested environments.

VIASAT MMT AT-A-GLANCE

» Military Ka-band WGS Certified

» Supports LinkWay™ software upgrade for resilient operations

» Supports FIPS 140-2 compliant TRANSEC (LinkWay™, EBEM)

» Multi-band capable with high-capacity satellite service

» Adapts to topology and architecture of your network (mesh, hub/spoke, point-to-point)

» Ability to roam across satellite networks to provide Anti-Access/Area-Denial (A2AD) Resiliency

» Rapidly-deployable broadband for IP communications anywhere

» IP networking for voice, video, and data

» An integrated system that can be set-up by one person, enabling IP access in 15 mins or less

» Simple, reliable Viasat CAMP device makes pointing effortless

» Supports WGS Certified LinkWay™, EBEM, and Arclight® waveforms with software switch

» Additionally, supports ViaSat-1 and ViaSat-2/3 High Capacity network waveforms

» Certified to operate over XTAR satellites

SPECIFICATIONS

USER SYSTEM FEATURES

Configuration	Offset fed, 60 cm circular aperture
Finish	Tan
Azimuth Range	± 25º (after coarse setup)
Elevation Range	10º to 90º
Leveling Capability	± 5º
Shore Power	DC 24 VDC, AC power supply, universal AC up to 305 VAC, maximum terminal consumption: 200 W (depends on RF configuration)
Waveform Technology	LinkWay™, Arclight®, EBEM, ViaSat-1, and ViaSat-2/3 Waveforms, DVB-S2

ENVIRONMENTAL

Operating Temperature	Offset fed, 60 cm circular aperture
Storage Temperature	Tan
Wind	± 25º (after coarse setup)

SETUP AND POINTING

Set-up, point, and satellite acquisition time	15 mins or less for minimally trained person
1 IATA Case	<70lb. (31.75 kg)

SYSTEM PARAMETERS				
PARAMETER	**X-BAND**	**KU-BAND**	**MIL-KA BAND**	**VIASAT HIGH-CAPACITY KA**
RX Frequency Band	7.25 to 7.75 GHz	10.95 to 12.75 GHz	20.2 to 21.2 GHz	17.7 to 20.2 GHz
TX Frequency Band	7.9 to 8.4 GHz	13.75 to 14.5 GHz	30.0 to 31 GHz	27.5 to 30 GHz
Polarization	Manually switchable circular LHCP or RHCP	Manually switchable linear by 180º, cross polarization	Manually switchable circular LHCP or RHCP	Circular, RHCP/LHCP co-pol or cross-polarization
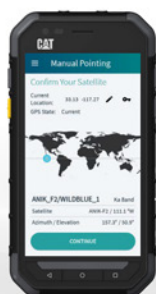
Select your network and satellite

Site survey

Position the terminal

CONTACT