

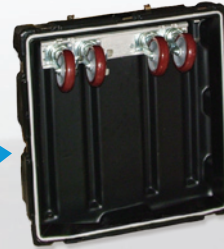
RUGGED, TRANSPORTABLE, READY-TO-USE



Front View



Rear View



Wheels Stow in Cover



Stowage Drawer
(Suitable for
PC Laptop or Cables)

The MIDS-LVT(1) Mobile System is a transportable, ruggedized case unit for the MIDS-LVT(1) terminal and its variants. Outfitted with all of the support equipment required to fully operate a MIDS-LVT(1) Terminal, this mobile system offers a convenient way to transport and integrate your Link 16 system. This full-complement system for the MIDS-LVT(1) alleviates all of the hardware challenges normally associated with getting your MIDS-LVT(1) Terminal integrated with your Link 16 host and operational in the network. The system can be used in any number of venues including operational, training, demonstrations and testing.

This mobile system features support functions including differential DC power that is switched through the Integrated Control Unit (ICU), 45 CFM forced air cooling, terminal control, associated system cabling, RF Attenuator and RF Terminator.

The Host interfaces that are supported through the Integrated Control Unit (ICU) are MIL-STD-1553B (dual redundant channels), 10BaseT Ethernet and 10BaseT Support Port. The ICU provides RPS input DC Voltage control and indicator, Terminal ON-OFF-STANDBY state control, four-bit FAIL DECODE status display, 10BaseT Ethernet and Support Port TX/RX data activity indicators, 50 Ohm External Time Reference (ETR) Terminal input port, Long Term Transmit Inhibit (LTTI) and CV Zeroize control. The MIDS-LVT(1) Mobile System provides easily accessible front panel connectors for Ethernet and Support Port (RJ-45), ETR (isolated BNC) and MIL-STD-1553 (dual BJT-77 trilug twin ax jack). The ICU has embedded, dual AUIs for the Terminal 10BaseT data conversion and two NorthHills three-port MIL-STD-1553 stub couplers. The system employs a master power switch for improved safety and centralized AC power control.

Transporting the system is easy, thanks to five-inch wheels that can be removed and stored in one of the two case covers for shipment.

The system is completely self-contained and only needs 115V 60 Hz, 15 amp single phase power to operate. A 230V 50 Hz version is available upon request. Count on the MIDS-LVT(1) Mobile System to quickly and easily bring Link 16 networking, training, and testing to a variety of venues.

FEATURES

- » Master Power On/Off Switch provides power to all components.
- » Integrated Control Unit provides RPS Power On/Off switch and standard terminal controls.
- » Integrated Cooling Tray provides 45 CFM of air to the Main Terminal and the RPS.
- » Two integrated power supplies provide ± 140 V DC input to the MIDS Remote Power Supply (RPS).
- » Includes a latchable 2U stowage drawer for cables or PC laptop.
- » 30 dBm 150 watt RF Attenuator is embedded in the drawer and connects to Antenna A.
- » Includes all required cables and an RF Terminator for the unused antenna.
- » Five-inch wheels allow easy movement of the unit. Wheels are removable and can be stowed in one of the case covers for shipment.
- » MIDS-LVT(1) Voice Control Unit with headset or microphone can be included (optional).
- » Terminal and RPS sold separately.



SPECIFICATIONS

- » **Input Power** 115V AC 60 Hz, 15 amp
- » **Dimensions (with covers)** 27 x 28 x 39 in
- » **Dimensions (without covers)** 27 x 28 x 28 in
- » **Weight with MIDS Terminal and RPS** 227 lb

ORDERING INFORMATION	
Type	ViaSat PN
MIDS-LVT(1) Mobile System without Voice	1076447
MIDS-LVT(1) Mobile System with Voice (mic)	1077892
MIDS-LVT(1) Mobile System with Voice (headset)	1112945

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