



The world wide leader of Link 16 solutions for air, ground, and maritime applications

## MIDS LVT 2/11

Today's wars are being waged against an unconventional enemy in challenging environments. The exchange of critical real time information among air, land and sea forces is more important than ever. This increased situational awareness saves lives and enhances mission effectiveness.

The Multifunctional Information Distribution System (MIDS) Low Volume Terminal (LVT) 2/11 provides the critical ground link in the Joint and Combined Warfare arena allowing the simultaneous coordination of air, land, and maritime forces while maintaining unmatched situational awareness. The self-contained terminal design, coupled with high reliability and multiple standard interfaces including ADDSI and Ethernet, make the LVT 2/11 a terminal of choice for ground fixed, transportable or mobile applications for situational awareness or command and control.

The LVT 2/11 is currently integrated in PATRIOT Information Coordination Central (ICC) and Battery Command Posts (BCP), Forward Area Air Defense Command and Control Units (FAADC2), and Surface Launched AMRAAM (SLAMRAAM) as well as the Air Operations Centers (AOCs), Pocket J and the Joint Interface Control Officer Support System (JSS).

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### Performance characteristics

- Pseudo-random frequency hopping
  - 51 frequencies – 960 to 1215 MHz L-band
  - Frequency hop rate – 13  $\mu$ s
  - 238 Kbps data rate
  - Expandable to 2 Mbps
  - Jam resistant and crypto secure
  - 128 possible nets
  - Dual ADDSI and multiple Ethernet ports
  - Multinetting capable
  - Key fill – DS 101
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## System characteristics

Main terminal (hardware)	7.6 x 7.6 x 13.5 in
Overall dimensions	8.44 x 13 x 24.75 in
Volume	2300 in <sup>3</sup>
<b>Weight</b>	
Main terminal	38.32 lbs
Power supply assembly (PSA)	25.57 lbs
Cooling unit	10.14 lbs
Mounting base	6.8 lbs
Total	80.83 lbs

## Power and cooling

- Power source alternative
  - 115 Vac, 50/60/400 Hz or 220 Vac 50/60 Hz single phase
  - +28 Vdc
- Power consumption
  - 0% TSDF 295 watts
  - 70% TSDF 575 watts
- Cooling
  - Self-contained conductive air

### For more information contact:

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