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The MIL-STD products provide a high level of immunity to vibration and shock impact, electromagnetic interference and heavy electrical surges typical of environments found in tactical defense operations. An operating temperature range of -40°C to +85°C coupled with hazardous location compliance enclosure allows the MIL-STD product family to be placed in virtually any location.

The embedded Rugged Operating System (ROS) provides advanced cyber security features and comprehensive networking functions such as Enhanced Rapid Spanning Tree (eRSTP), Port Rate Limiting, and a full array of intelligent functionality for high network availability and manageability. Coupled with ruggedness and durability that is designed in from the onset, the MIL-STD products are ideal for creating mission-critical, real-time, control applications where high reliability and availability is of paramount importance.

All RUGGEDCOM products are backed by a five year warranty and unsurpassed technical support.

Common features
- Many different fiber port options available
- Long haul fiber support
- High immunity to EMI and heavy electrical surges
- -40°C to +85°C operating temperature (no fans)

• Mechanically retained electrical connectors
• Conformal coating for extra environmental protection
• Fully integrated power supply (no external adaptors)
• Universal high-voltage range: 120 V AC/DC and 230 V AC/DC
• Low voltage DC inputs: 12 VDC, 24 VDC or 48 VDC

RUGGEDCOM Datasheet

Unrestricted
RUGGEDCOM M969
10-port managed Ethernet switch with fiber uplinks
MIL-STD and IP66/IP67 rated
• 8 x 10/100BASE-TX + 2 x 1000BASE-X or 2 x 100BASE-FX
• IP66/67 rated
Data Sheet: M969
User Guide: M969
Installation Guide: M969

RUGGEDCOM M2100
19-port modular managed Ethernet switch
• 3 x 1000BASE-X + 16 x 10BASE-T/100BASE-FX/1000BASE-X
Data Sheet: M2100
User Guide: M2100
Installation Guide: M2100

RUGGEDCOM M2200
9-port managed Gigabit Ethernet switch
• 1000BASE-X and/or 10/100/1000BASE-T
Data Sheet: M2200
User Guide: M2200
Installation Guide: M2200

RUGGEDCOM MX5000
Multi-Service Platform
• High-density MIL-STD rated switch and router
• Supports up to 50 fiber or 98 copper ports
Data Sheet: MX5000
User Guide: MX5000
Installation Guide: MX5000

RUGGEDCOM MX5000RE
Multi-Service Platform with enclosure
• MIL-STD switching/routing platform
• IP65 EMI/EMC/shock/vibration-rated enclosure
• Replaceable enclosure
Data Sheet: MX5000RE
User Guide: MX5000RE
Installation Guide: MX5000RE

Certifications
• MIL-STD 901D – shock (hard mounted)
• MIL-STD 167 – vibration
• MIL-STD 461 – EMI
• MIL-STD 1399 – DC magnetic field exposure
• MIL-STD 810 – temperature and humidity

Published by Simon Industry, Inc. 2017.
Siemens Industry, Inc.
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