



MILTECH™ 908MP

Compact, Portable Military Managed Gigabit Ethernet Switch

PRODUCT DESCRIPTION

Driven by rapid advancement and lower costs, Ethernet is becoming the standard for IP-based components in a wide range of military and commercial applications, including:

- Battle management systems (BMSs)
- UAVs
- Land autonomous vehicles (UGVs)
- Robots
- Mobile equipment fielded in harsh environments

Modern platforms contain dozens of network devices that must be interconnected with managed Ethernet switches that support QoS, VLANs, spanning tree and port mirroring.. The MILTECH 908MP is an ideal solution for mobile Ethernet-equipped platforms. With size, weight, power and cost (SWaP-C) as a priority it saves valuable real estate for computers, sensors, targeting systems, and other devices that make mobile platforms highly effective.

The 908MP is a MIL-STD, fully managed military grade network switch offering 8 triple-speed (10/100/1000Mbps) connections.

It can be remotely managed to optimize communications and prioritize critical information traffic. Advanced network features, never before found in a package of this size, include switching protocols, virtual LANS (VLANS), traffic prioritization (QoS), and bandwidth aggregation are standard.

The MILTECH 908MP's gigabit speeds and 24VDC power make it instantly compatible with network device and power systems.

The MILTECH 908MP is widely used in battlefield communications C4ISR, video, and sensor data acquisition, and transmission. Its mechanical packaging enhancements, including a single ruggedized D38999 circular connector for all eight ports, is designed for MIL-STD-810F airborne and ground environmental compliance and high reliability. Leveraging best-in-class switching technology from Techaya, the MILTECH 908MP serves as a robust commercial off-the-shelf (COTS) solution for rugged LAN connectivity.

SPECIFICATIONS

ETHERNET PORTS:	<ul style="list-style-type: none"> • Managed 8 x switched 10/100 /1000 ports
NETWORKING:	<ul style="list-style-type: none"> • Spanning Tree (802.1d), RSTP (802.1w) and multiple Spanning Tree (802.1S) for fast recovery rings • Security via Radius Authentication 802.1x, Port Security, Port Mirroring • Multicasting (IGMP Snooping), GARP, GMRP, and GVRP Broadcasting and flooding Control up to 8K Groups • 802.1q Tagged based VLAN up to 4K VLAN groups. • QoS Multi-Layer Classifier, 802.1p, ToS/DSCP traffic classification. WFQ, Strict Queuing • Bridge support for Q-in-Q • Link Aggregation 802.3AD • L3 static routing • WEB, CLI, Telnet Management
CONNECTORS:	<ul style="list-style-type: none"> • Power Connector Type: MIL-D-38999/24WB35PN • LAN Connector Type: MIL-D-38999/24WF35PN • LED Indication Per Port (Speed, Link/Activity)
CHASSIS:	<ul style="list-style-type: none"> • Machined rugged aluminum • Conductively cooled w/custom internal heat-sinks • Ingress protection against sand, dust and moisture • Anodize Coating, MIL-A-8625, Type II, Class 2
STANDARDS:	<ul style="list-style-type: none"> • MIL-STD-1275B MIL-STD-704A MIL-STD-461A MIL-STD-810F GM IP67



