

MIC-W1601-TI

Rugged Managed 16-Port Gb Switch

Features

- High End D38999 Connectors
- Rugged MIL Housing
- Fully Manageable over Web Interface / Telnet
- Fanless Operation
- Low Power Consumption
- Supports IEEE802.1Q VLAN, Rapid Spanning Tree IEEE802.1D 2004
- Redundant Ethernet Connections
- Long-Term Availability

Appearance





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Revision Table

Date	Revision	Content	By
2025/11/10	0.1	Basic	Tommy

ACT POWER TAIWAN
Preliminary

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Specification

Switch Lookup Engine	Support up to 1024 MAC Entries with Automatic Learning and Aging Support Auto Crossover (Auto MDI/MDIX) and Polarity Correction	
Jumbo Frame Support	Up to 10k Byte	
Status LED	2LEDs for Each Copper Port (Link/Activity and Speed Indicators)	
Copper Ports	16 x 1Gbit LAN Ports	
Over MIL Connectors	16 x LAN over TVP00RW-9-95 or D38999/20WB35N	
I/O Interfaces	1 x Power over D38999/20W A98PA	
Management Software (Layer 2 Management)	• Port Based VLAN • Quality of Service • IEEE802.1D RSTP Support • SNMP V1, V2c, V3 Support • Telnet • IGMPv3 Snooping	• IEEE802.1QVLAN • IEEE802.1X MAC Address Checking • Port Monitoring • Firmware Update via HTTP or TFTP • TLS (HTTPS)
Power	24V DC Input, 7W Power Consumption (Typ.)	
Dimension	350 x 270 x 50mm (W x H x D)	
Weight	< 8Kg	
Material	Aluminum	

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Environment Compliance

Operating Temp.	-20°C to +60°C
Storage Temp.	-45°C to +85°C
Humidity	5 to 95%, Non-Condensing
EMI/EMC	MIL-STD-461E - CE102, CS101, CS114, CS116, RE102, RS103, CS115 & HESD
Vibration	5-20Hz, 6dB/octave, 20-50Hz: 0.02g ² /Hz, Then Rolling up to 0.001 g ² /Hz at 50 to 500 Hz

Environmental performance may vary according to the integration method or final integration scenario.

Ordering Information

Model Name	Description	Unit
MIC-W1601-T1	Rugged Managed 16-Port Gb Switch	1

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