

Industrial 8 Port Gigabit PoE Switch With Voltage Boost Function



Features

- ▶ 8x10/100/1000Base-TX RJ45 ports, 8xPoE
- ▶ Support Auto-MDIX, and full/half duplex self-negotiation mode
- ▶ 12-56V DC redundant power with reverse polarity protection
- ▶ 4K MAC address table
- ▶ Support IEEE802.3az energy efficient Ethernet technology
- ▶ Support IPv6 Protocol
- ▶ Electric 6KV surge protection, easy to use in outdoor environment
- ▶ Complete status indicator, working state at a glance
- ▶ Power input polarity protection design, no worry about wrong operation

Product description

MMH-POE-8PT-AT is a high-performance industrial PoE switch designed for reliable and efficient network applications. It features 8x10/100/1000Base-TX ports that ensure stable Ethernet transmission, all within a compact, fanless, and low-power design that enhances reliability and reduces maintenance costs.

Positioned for broadband network access, the MMH-POE-8PT-AT supports fast Ethernet data exchange, aggregation, and long-distance fiber transmission, delivering high bandwidth and stable connectivity for diverse industrial needs.

For critical environments, it offers dual power input for redundancy and an extended operating temperature range of -40°C to 75°C . Housed in a rugged IP40 DIN-rail or wall-mount enclosure, the switch is ideal for harsh industrial settings, transportation systems, and other demanding applications.

Product specification



Ethernet	
RJ45 port and speed:	8x10/100/1000Base-TX
Standards:	IEEE 802.3 for 10BaseT IEEE 802.3u for 100BaseT(X) and 100BaseFX IEEE 802.3ab for 1000BaseT(X) IEEE 802.3z for 1000BaseSX/LX/LHX/ZX IEEE 802.3x for flow control IEEE 802.1D-2004 for Spanning Tree Protocol IEEE 802.1w for Rapid Spanning Tree Protocol IEEE 802.1s for Multiple Spanning Tree Protocol IEEE 802.1p for Class of Service IEEE 802.1Q for VLAN Tagging IEEE 802.1X for authentication IEEE 802.3ad for Port Trunk with LACP
Packet buffer:	2Mbits
Maximum packet length:	Up to 9k Bytes
MAC address table:	8K
Transmission mode:	Store and Forward(full/half duplex mode)
Exchange property:	Delay time: < 7μs Backplane bandwidth: 20Gbps Packet forwarding rate: 1488100 (64Byte)
Power:	Connect-always
RJ45:	Link/Act: connect-always; data exchange-twinkle
Environmental	
Operating Temperature:	-40℃~75℃
Relative Humidity:	5%~90% non-condensing
Storage:	-40℃~85℃
MTBF:	500,000 hours
PoE (Power over Ethernet)	
PoE Ports:	Port 1-8
Pin Assignment:	Default: 1/2(+), 3/6(-)
Max Power Per Port:	IEEE802.3 af/at 30W
Total PWR /Input Voltage:	DC12-56V
Power Consumption:	10Watts Max(without PoE load)
Operating Voltage:	Mode: 12VDC, Total PoE Power(Max) 80W
	Mode: 24VDC, Total PoE Power(Max) 120W
	Mode: 48VDC, Total PoE Power(Max) 240W
Dimensions (W x D x H):	138 x 108 x 49 mm
Weight:	0.68Kg
Casing:	IP40 aluminum case
Mounting Options:	DIN Rail / Wall-Mount