

12~48VDC Power Input Industrial Gigabit 5 port PoE Switch



Features

- ▶ 12~48VDC Power Input
- ▶ Support IEEE802.3 at Power over Ethernet (PoE+) Power Sourcing Equipment
- ▶ Support 10/100/1000Base-TX
- ▶ Support DIN-Rail & Wall-mount installation.
- ▶ 5 x 10/100/1000BASE-T RJ45 auto-MDI/MDI-X ports with IEEE 802.3at PoE+ Injector (Port-1 to Port-4)

Product description

MMH-POE-5P-AT is a gigabit 5 port PoE switch designed to connect IEEE 802.3 af/at PoE devices, such as cameras and access points, to non-PoE LAN switches over distances of up to 100 meters. Both the Ethernet port (connected to the switch) and the PoE Out port (connected to the PoE device) support 10/100/1000Base-T and conform to IEEE 802.3ab standards. Additionally, the PoE Out port is compliant with IEEE 802.3at.

It offers an integrated power solution with a wide input voltage range of 12 ~ 48VDC, making it ideal for high-availability applications.

Product specification

Ethernet	
Standards:	IEEE 802.3 Ethernet
	IEEE 802.3x Full-Duplex Flow Control
	IEEE 802.3az Energy Efficient Ethernet (EEE)
	IEEE 802.3at Power over Ethernet Plus PSE
	IEEE 802.3af Power over Ethernet Plus
	1,488,000pps (1000Mbps)
Packet Buffer:	1Mbits
Packet Length:	10Kbytes
MAC Address Table:	8K
Switch Fabric:	10Gbps/non-blocking
Exchange Property	Backplane bandwidth: 20Gbps; Packet forwarding rate: 14.88Mpps
Connector:	5x10/100/1000BASE-T RJ45 auto-MDI/MDI-X ports 4 ports with 802.3at PoE+ injector function (Ports 1 to 4)
PoE (Power over Ethernet)	
Standard:	IEEE802.3af/at
Pin Assignment	4/5(+), 7/8(-)
PoE Budget:	Up to 120-watt PoE budget (48VDC), 90-watt PoE budget (24VDC), 60-watt PoE budget (12VDC)
Environmental	
Operating Temperature:	-40°C to 80°C (-40°F to 176°F)
Storage Temperature:	-40°C to 85°C (-40°F to 185°F)
Relative Humidity:	5% to 95% non-condensing
MTBF	> 200,000 hrs
Electrical and Mechanical	
Input Power:	12~48VDC (Terminal Block)
Power Consumption:	<125W (Non-PoE<6W)
Dimensions (WxDxH):	95 x 70x 29mm
Weight:	0.25Kg
Casing:	Aluminum Case
Mounting Options:	DIN-Rail / Wall-mount
LED Indicators:	
PWR	Power
L/A	Link/Activity
PoE	Max 30W per port
Regulatory Approvals	
ISO9001	
FCC part 15, Class A	
EN55022:2006+A1: 2007 Class A	
Surge Protection:	
RJ45: 1KV	
Power: 500V	
ESD: 4KV/8KV	