MT-TP73G04POE

Industrial 4-Port Gigabit PoE++ 1-Port Gigabit RJ-45 1-Port Gigabit SFP Unmanaged Ethernet Switch

FEATURES AND HIGHLIGHTS

- 4*10/100/1000BASE-T PoE++ RJ-45 (Auto MDI/MDIX)
- 1*10/100/1000BASE-T RJ-45 (Auto MDI/MDIX)
- 1*1000BASE-X SFP
- 1*Relay

High Performance Design
- Redundant power supply
- Supports12~57V wide voltage input
- 6kV surge immunity
- 6kV contact discharge, 8kV air discharge ESD protection
- Fan-less metal shell design
- DIN-rail/Desktop/Wall mounted installation

Power-over-Ethernet
- IEEE 802.3af/at/bt
- 90W max for each port
- 360W max for whole switch
- 240W@48V, 120W@24V, 60W@12V max for whole switch

Q-PoE (Quick PoE)
- The switch supports the Q-PoE (Quick PoE) technology, which enables PoE power supply immediately upon switch startup without waiting for switch system software control.

One-key Smart Mode
- CCTV: the transmission distance is extended up to 250m, with a connection speed tailored to ensure optimal camera performance

OVERVIEW

The series product is Industrial 4-Port Gigabit PoE++ 1-Port Gigabit RJ-45 1-Port Gigabit SFP Unmanaged Ethernet Switch.

The switches provide 4*10/100/1000Mbps Ethernet RJ-45 ports, 1*10/100/1000Mbps Ethernet RJ-45 uplink port, 1*1000Mbps SFP uplink port. It meets IEEE 802.3af/at/bt standard. All downlink RJ-45 ports support Power-over-Ethernet (PoE++), which can deliver up to 90W power per port.

The switches support the Q-PoE (Quick PoE) technology, which enables PoE power supply immediately upon switch startup without waiting for switch system software control. The switches support 2 working modes through DIP switch: Default and CCTV. Under CCTV mode, the transmission distance is extended up to 250m, but the rate is limited to 10Mbps. **MT-TP73G04POE** uses 12 to 57V DC wide voltage input and is designed for high availability applications. It can be widely used in video security monitoring systems, network projects, etc.

TECHNICAL SPECIFICATIONS

Hardware Specifications	**Downlink Port**	4*10/100/1000BASE-T PoE++ RJ-45(Auto-MDI/MDI-X)
	Uplink Port	1*10/100/1000BASE-T RJ-45 1*1000BASE-X SFP
	Management Port	1*Relay
	DIP Switch	CCTV mode: the transmission distance is extended up to 250m, but the rate is limited to 10Mbps
	LED Indicators	2*PWR, power indicators
		1*SFP port indicator
		1*ALM, alarm indicator
	Dimensions (W*D*H)	160mm*110mm*44mm
	Net Weight	0.74kg
	Input Voltage	Support redundant power supply, Power 1 (Main): 12~57V DC, Power 2 (Backup): 12~57V DC
	Power Consumption	≤250W (Full load including PoE)
	Material	Metal shell
	Installation	DIN-rail/Desktop/Wall mounted
Switch Property	**Standards**	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.1D, IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt
	Forwarding Modes	Store and forward
	MAC Table	2k, support auto learning
	Switching Capacity	12Gbps/non-blocking
	Packet Forwarding Rate	8.928Mpps
	Port Buffer	1MB
	Jumbo Frame	9716 Bytes

Power Supply	**PoE Standard**	IEEE 802.3af/at/bt
	PoE Power Supply Type	End-span
	PoE Pin Assignment	3/6/4/5(+), 1/2/7/8(-)
	PoE Budget	90W max for each port 240W@48V, 120W@24V, 60W@12V max for whole switch
Alarm Signal Output by Relay	Support relay alarm for power off	
Reliability	**ESD**	IEC61000-4-2, Level 3: Contact Discharge: ±6kV, Air Discharge: ±8kV
	Surge	IEC61000-4-5, line to earth: 6kV
	Operating	-20°C~65°C, 5%~95% (Non-condensation)
	Storage	-40°C~85°C, 5%~95% (Non-condensation)
Certifications	**CE, FCC**	

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