Datasheet | UTP6306TS-PSD

Industrial 4-Port Gigabit PoE++ 1-Port Gigabit RJ45 1-Port Gigabit SFP Unmanaged Ethernet Switch

Overview

The product is Industrial 4-Port Gigabit PoE++ 1-Port Gigabit RJ45 1-Port Gigabit SFP Unmanaged Ethernet Switch.

This 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 switch supports the Q-PoE (Quick PoE) technology, which enables PoE power supply immediately upon switch startup without waiting for switch system software control. The switch supports the P-PoE (Perpetual PoE) technology, which enables PoE power supply without interruption when switch is restarting and restores network quickly.

The switch supports 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. It can be widely used in video security monitoring systems, network projects, etc.

Features and Highlights

Abundant Interfaces

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

Power-over-Ethernet

- IEEE 802.3af/at/bt
- 90W max for each port, 360W 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.

P-PoE (Perpetual PoE)

- The switch supports the P-PoE (Perpetual PoE) technology, which enables PoE power supply without interruption when switch is restarting and restores network quickly.

One-key smart mode

- CCTV: the transmission distance is extended up to 250m, but the rate is limited to 10Mbps.

Specifications

Items	UTP6306TS-PSD
Hardware Specifications	
Downlink Port	4*10/100/1000 Base-T PoE++ RJ-45(Auto-MDI/MDI-X)
Uplink Port	1*10/100/1000 Base-T RJ-45 1*1000 Base-X SFP
Management Port	1*Relay
Led Indicators	2*PWR, power supply indicators 1*Link/Act, SFP port state indicators 1*ALM, alarm indicator
Dimensions (W*D*H)	160mm*110mm*44mm
Input Voltage	Power 1 (Main): 48~57V DC, Power 2 (Backup): 48~57V DC
Power Consumption	≤370W (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, 360W max for whole switch
Alarm Signal Output by Relay	
Alarm Signal Output by Relay	Support relay alarm for power off
Reliability	
Operating	-20℃~65℃, 5%~95% (Non-condensation)
Storage	-40℃~85℃, 5%~95% (Non-condensation)
Certifications	
Certifications	CE, FCC

Appearances and Dimensions

UTP6306TS-PSD

Dimensions(mm)

110 160 44

Front panel

Gigabit PoE RJ-45 ports   Gigabit RJ-45 port   Gigabit SFP port

2.CCTV
1.Default

Relay alarm
Indicator

ALM
PWR2
PWR1

T1   T2   T3   T4   T5   X1

10/100/1000Base-T   1000Base-T/X   X1   Init

Init button

Power indicator   DIP switch   SFP indicator

Side panel

Power input   Relay interface

① + −   − + ②

48−57V DC   Relay

Grounding
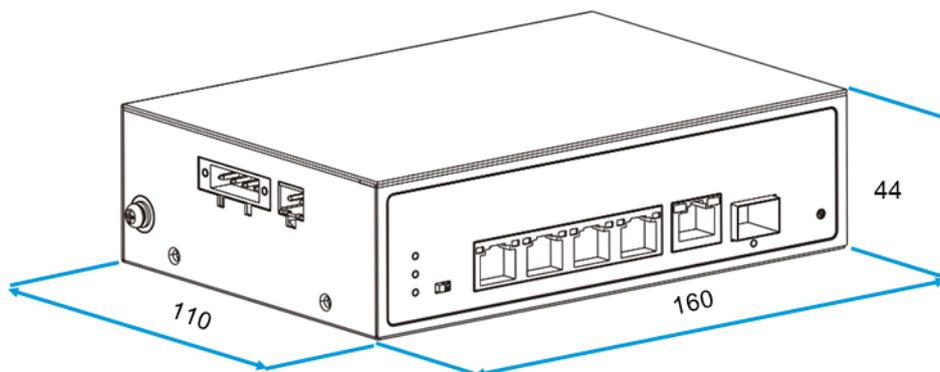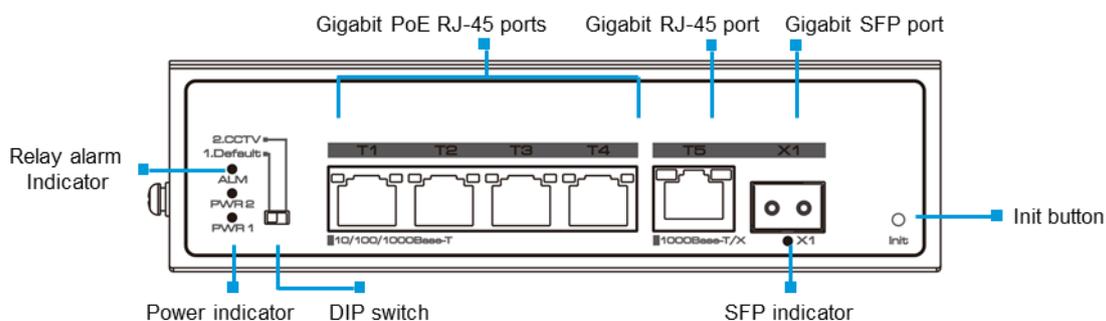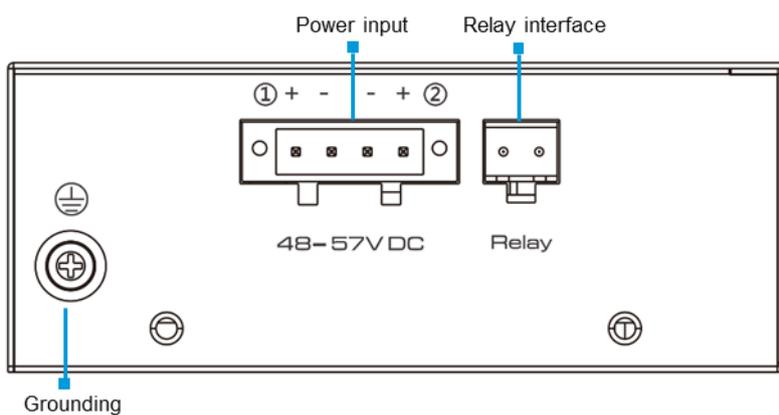
More Information

For more information, please visit:

www.utepo.net