Switch Datasheet | UTP6306TS-PSD, UTP6306TS-PSD-W

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

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. UTP6306TS-PSD-W 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.

Features and Highlights

Abundant Interfaces

- 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
- UTP6306TS-PSD-W 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
- UTP6306TS-PSD: 360W max for whole switch
- UTP6306TS-PSD-W: 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, but the rate is limited to 10Mbps.

Specifications

Item	UTP6306TS-PSD	UTP6306TS-PSD-W
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	0.68kg	0.74kg
Input Voltage	Support redundant power supply, Power 1 (Main): 48~57V DC, Power 2 (Backup): 48~57V DC	Support redundant power supply, Power 1 (Main): 12~57V DC, Power 2 (Backup): 12~57V DC
Power Consumption	≤370W (Full load including PoE)	≤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, 360W max for whole switch	90W max for each port 240W@48V, 120W@24V, 60W@12V max for whole switch
Alarm Signal Output by Relay		
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℃~65℃, 5%~95% (Non-condensation)	
Storage	-40℃~85℃, 5%~95% (Non-condensation)	
Certifications		
Certifications	CE, FCC	

Appearances and Dimensions

Item

Dimensions(mm)

44

110

160

Front Panel

Gigabit PoE++ RJ-45 Ports   Gigabit RJ-45 Port   Gigabit SFP Port

Alarm Indicator

2.CCTV
1.Default
ALM
PWR 2
PWR 1

T1 T2 T3 T4   T5   X1

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

Init Button

Power Indicator   DIP Switch   SFP Port Indicator
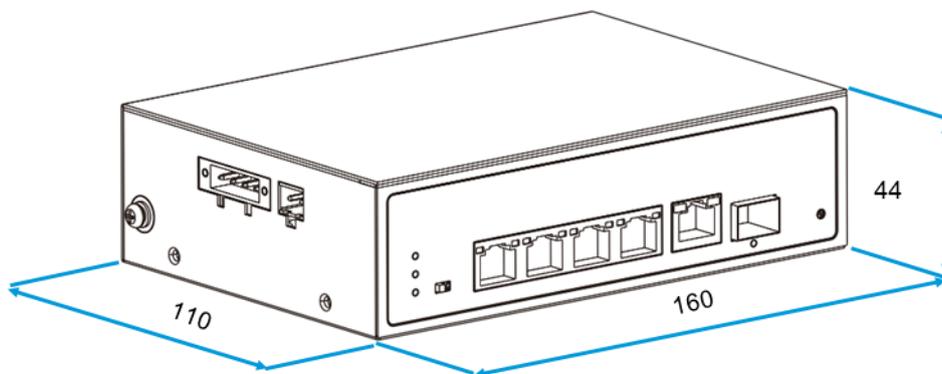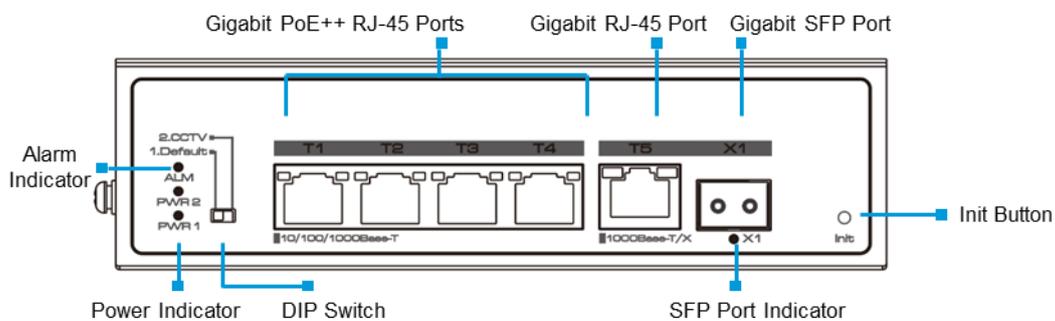
UTP6306TS-PSD Side Panel	UTP6306TS-PSD-W Side Panel

UTP6306TS-PSD Side Panel

Power Input   Relay Interface

① + - - + ②

48-57V DC   Relay

Grounding

UTP6306TS-PSD-W Side Panel

Power Input   Relay Interface

① + - - + ②

12-57V DC   Relay

Grounding
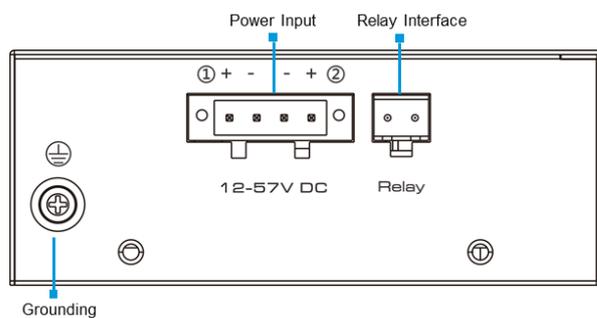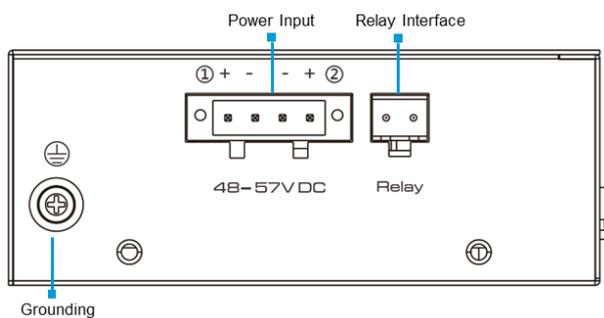
Packing List

Welcome to order our products. After purchasing, you will receive:

Item	Quantity
Switch	1 pc
Mounting Accessory	1 set
Quick Installation Guide	1 pc

More Information

For more information, please visit:

www.utepo.net

The information in this document is subject to change without notice.
Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute a warranty of any kind, express or implied.

优特普官方微信　业务咨询微信