

UTP1218-PSB150 Datasheet

16-Port 100M PoE+ 2-Port 1000M RJ45 Ethernet Switch

Overview

UTP1218-PSB150 is 16-Port 100M PoE+ 2-Port 1000M RJ45 Ethernet Switch.

The switch provides 16 100M Ethernet RJ-45 downlink ports and 2 Gigabit Ethernet RJ-45 uplink ports. All RJ-45 downlink Ethernet ports support Power-over-Ethernet (PoE+) and deliver up to 30W power per port.

The switch supports 3 working modes through DIP switch: Default, VLAN and CCTV. It can be widely used in video security monitoring systems, network projects, etc.

Features and Highlights

Abundant Interfaces

- 16*10/100Base-TX PoE+ RJ-45 ports
- 2*10/100/1000Base-T RJ-45 ports

Power over Ethernet (PoE+)

- Power up to 16 devices that comply with IEEE 802.3af/at standards
- Each PoE port supports a maximum power of 30W
- Circuit protection to prevent the power from interfering with the port
- Long-distance power supply, up to 250 meters
- Support PoE watchdog under VLAN and CCTV mode

Support 3 Working Modes through DIP switch

- Default: all ports are free to communicate, transmission distance: 0~100m.
- VLAN: downlink ports are isolated from each other, but can communicate with uplink ports. Transmission distance: 0~100m.
- CCTV: the transmission distance is extended up to 250m, but the rate is limited to 10Mbps.

High Performance Design

- 6kV surge immunity
- 6kV contact discharge, 8kV air discharge ESD protection
- Fan-less metal shell design
- Rack-mounted/desktop installation



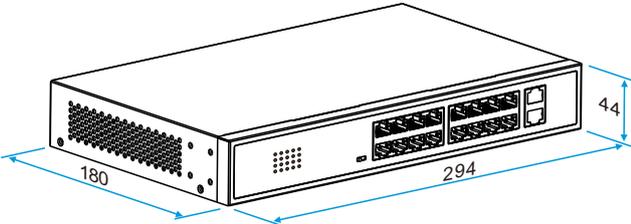
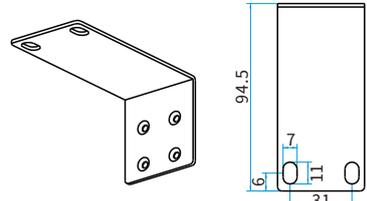
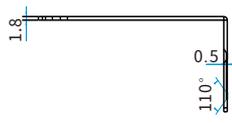
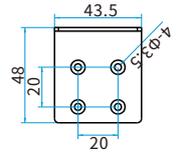
Specifications

Items	UTP1218-PSB150
Hardware Specifications	
Downlink Ports	16*10/100Base-TX PoE+ RJ-45 (Auto-MDI/MDI-X)
Uplink Ports	2*10/100/1000Base-T RJ-45 (Auto-MDI/MDI-X)
Led Indicators	1* power supply indicator, 1* PoE max indicator 16* downlink port indicators, 2*uplink port indicators
Cable	Cat5 or better
Dimensions (W*D*H)	294mm*180mm*44mm
Net Weight	1.6kg
Input Voltage	100~240V AC
Power Consumption	≤15W (Not include PoE)
Installation	Rack-mounted/wall-mounted
Material	Metal shell
Switch Property	
Forwarding Modes	Store and Forward
Switching Capacity	7.2Gbps / non-blocking
Packet Forwarding Rate	5.4Mpps
MAC Table	8k, supported auto learning
Packet Buffer	4Mbit
PoE	
PoE device	Endpoint PSE (Power Sourcing Equipment)
PoE Standard	IEEE 802.3af/at
PoE Pin Assignment	1/2(+), 3/6(-)
PoE Power Output	52V DC
PoE Budget	30W max for each port, 135W max for whole switch
Standard Conformance	
Standards Compliance	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Flow Control IEEE 802.3af Power Over Ethernet IEEE 802.3at Power Over Ethernet
EMC	
EMC	FCC 47 CFR Part 15 Class A EN55032 Class A IEC61000-4-2, Level 3: Contact Discharge: ±6kV, Air Discharge: ±8kV IEC61000-4-3, Level 2: 3V/m IEC61000-4-4, Level 2: 1kV IEC61000-4-5, line to earth: 6kV IEC61000-4-6, Level 2, (0.15MHz~80MHz)
LVD	
LVD	EN 62368-1:2014 EN 62328-A11:2017
Environments	
Operating	Temperature: -5°C~45°C Relative Humidity: 5%~95% (Non-condensation)
Storage	Temperature: -40°C~75°C Relative Humidity: 5%~95% (Non-condensation)
Certifications	
Certifications	CE, FCC

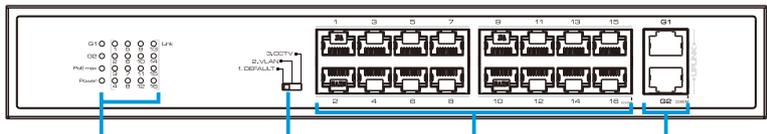
Appearances and Dimensions

UTP1218-PSB150

Dimensions (mm)

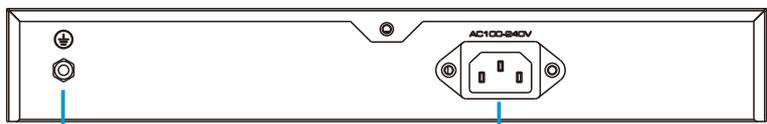





Front Panel



Led Indicators DIP Switch 16*100M Downlink RJ-45 Ethernet Ports 2*Gigabit Uplink RJ-45 Ethernet Ports

Side Panel



Grounding AC Power Input

Packing List

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

Items	Quantity
Switch	1 set
AC Power Cable	1 set
Mounting Accessory	1 set
Quick Installation Guide	1 pc

More Information

For more information, please visit:

www.utepo.net

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