

QUICK START GUIDE

International standard POE Switch

Applicable Model: TD-P3204

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Touching
the future

Product specification

6-port 100M PoE power supply switch

TD-P3204



Product description

TD-P3204 series unmanaged PoE switches have 4 100M electrical ports + 2 100M uplink electrical ports, of which 1-4 ports support IEEE 802.3af/at standard PoE power supply, and the single-port PoE power can reach 30W. As a PoE power supply device, it can automatically detect and identify standard powered devices and supply power to them through network cables. It can supply power to POE terminal equipment such as wireless AP, network camera, Internet phone, video door intercom, etc. through the network cable to meet the network environment that requires high-density PoE power supply. It is suitable for hotels, campuses, factory dormitories and small and medium-sized enterprises to form economical Efficient network.

Non-network management model, plug and play, no need to configure, easy to use;

Product Features

100M access, dual electrical port uplink

- ◇ Provide 6 10/100Base-T RJ45 ports and dual uplink electrical ports, which are convenient for users to network flexibly and meet the networking needs of various scenarios;
- ◇ All ports support non-blocking wire-speed forwarding for smoother transmission.
- ◇ Support IEEE 802.3x full-duplex flow control and Backpressure half-duplex flow control.

Intelligent PoE power supply function

- ◇ Four 10/100Base-TX RJ45 ports support PoE power supply to meet the needs of PoE power supply in various scenarios in the security field.
- ◇ Comply with IEEE 802.3af/at PoE power supply standard, automatically identify PoE devices for power supply, without damaging non-PoE devices, and the maximum PoE output power of a single port is 30W.

Simple operation

- ◇ Plug and play, no configuration required, easy to use and maintain.
- ◇ Users can easily understand the working status of the device through the power indicator (PWR), port status indicator (Link), and PoE work indicator.

Innovative functions (only for models with function switches)

- ◇ ◇Long-distance file: When it is turned on, the rate of ports 1-4 is reduced to 10M. Using the existing twisted pair, it can break through the limit of 100 meters of twisted pair transmission, and the transmission distance can reach up to 250 meters; on the other hand, It can solve the problem of poor transmission caused by aging lines.

Equipment is stable and reliable

- ◇ The host has low power consumption, fanless and silent design, galvanized steel metal shell, and excellent heat dissipation to ensure stable operation of the product.
- ◇ The equipment fully complies with the requirements of 3C, CE, FCC and RoHS safety regulations, and is safe and reliable to use.

Product Specification

Model	TD-P3204	TD-P3208
port characteristics		
fixed port	4 10/100Base-TX POE ports (Data/Power) 2 10/100Base-TX uplink RJ45 ports (Data)	8 10/100Base-TX POE ports (Data/Power) 2 10/100Base-TX uplink RJ45 ports (Data)
Network port characteristics	10/100BaseT (X) automatic detection, full/half duplex MDI/MDI-X adaptive	
Twisted pair transmission	10BASE-TX: Cat5 or later UTP(≤250 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter) 1000BASE-T: Cat5e or later UTP(≤100 meter)	
Function switch (Extender)	After opening, 1-4 ports support 10M/250m long distance	After opening, 1-8 ports support 10M/250 meters long distance
	Note: When the switch state changes, the switch must be restarted before the switch function can take effect	
Chip parameters		
Network protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3x	
forwarding mode	Store-and-forward (full wire speed)	
Backplane Bandwidth	1.6Gbps (non-blocking)	2Gbps (non-blocking)
Packet forwarding rate@64byte	0.89Mpps	1.488Mpps
MAC address table	1K	2K
packet forwarding cache	768K	1.25M
jumbo frame	1536byte	
LED indicator	Power indicator: PWR (green); Network indicator: L/A (green); Long-distance function indicator: EXTEND (green)	
PoE and Power Characteristics		
POE port	1-4 ports support IEEE802.3af/at standard POE power supply	1-8 ports support IEEE802.3af/at standard POE power supply
power pin	Default 1/2(+), 3/6(-) 4-core power supply	
Maximum single port/average power	30W/15W	
Total power/input voltage	65W (AC100-240V)	120W (AC100-240V)
power consumption	Standby power consumption: <3W; full load power consumption: <60W	Standby power consumption: <5W; full load power consumption: <120W
Supporting power supply	Built-in switching power supply AC: 100~240V 50-60Hz 1A	Built-in switching power supply AC: 100~240V 50-60Hz 2.2A
Physical Specifications		

Working temperature/humidity	-20~+55°C; 5%~90% RH non-condensing
storage temperature/humidity	-40~+75°C; 5%~95% RH non-condensing
Appearance size (L*W*H)	200*118*44mm
Net weight/Gross weight	< 0.8kg / < 1.2kg
installation method	Desktop, wall-mounted installation
Product Certification	
Lightning Protection/Protection Level	Port lightning protection: 4KV 8/20us; Protection class: IP30
Certification	3C; CE, FCC, RoHS

Model	Device Information	Standard power supply
TD-P3204	Unmanaged 4 10/100M RJ45 ports + 2 10/100M uplink RJ45 port PoE switches, 1-4 ports support IEEE 802.3af/at international standards. Adjust the function switch, can realize 1-4 port 10M/250 meters long-distance transmission, built-in power supply.	65W
TD-P3208	8 non-network management 10/100M RJ45 ports + 2 10/100M uplink RJ45 port PoE switches, 1-8 ports support IEEE 802.3af/at international standards. Adjust the function switch, can realize 1-8 ports 10M/250 meters long-distance transmission, built-in power supply.	120W



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