QUICK START GUIDE

International standard POE Switch

Applicable Model: TD-P3308GF、TD-P3204GF

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Touching
the future

Product Specification

6-port full Gigabit POE power supply switch

TD-P3204GF

Product Description

TD-P3204GF series unmanaged PoE switches have 5 Gigabit electrical ports + 1 Gigabit SFP fiber slot, of which 1-4 Gigabit 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 and maintain;

Product Features

Full Gigabit ports

◇Support the combination of "Ethernet port + Gigabit optical port", which is 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 10/100/1000Base-T RJ45 ports support PoE power supply to meet the needs of PoE power supply in scenarios such as security monitoring, teleconferencing systems, and wireless coverage.

◇ 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.

◇ The PoE port supports a priority mechanism. When the remaining power is insufficient, the power supply of the high-priority port is given priority to avoid overloading of the device.

Equipment is stable and reliable, easy to operate

◇ Low power consumption design of the host, metal shell, super heat dissipation, to ensure stable operation of the product.

◇ Highly redundant design power supply is used to provide long-term stable PoE power output.

◇ The equipment meets the national CCC standard, fully complies with CE, FCC, and RoHS safety regulations, and is safe and reliable to use.

◇ Users can easily understand the working status of the device through the power indicator (PWR), port status indicator (Link), and PoE work indicator (PoE).

Product Specification

Model	TD-P3204GF	TD-P3308GF
port characteristics		
Fixed Port	Four 10/100/1000Base-T POE ports (Data/Power) One 10/100/1000Base-T RJ45 network port One 1000Base-X uplink SFP optical port slot (Data)	Eight 10/100/1000Base-T POE ports (Data/Power) Two 10/100/1000Base-T RJ45 network ports One 1000Base-X uplink SFP optical port slot (Data)
Network port characteristics	1-5/1-10 ports 10/100/1000Base-T automatic detection, full/half duplex MDI/MDI-X adaptive	
Twisted pair transmission	10BASE-T：Cat3,4,5 UTP(≤100 meter) 100BASE-TX：Cat5 or later UTP(≤100 meter) 1000BASE-T：Cat5e or later UTP(≤100 meter)	
Optical port characteristics	Gigabit SFP optical fiber interface, the default is not equipped with optical modules, which need to be purchased separately, (optional order mode/multimode, single fiber/dual fiber optical modules, LC)	

fiber optic cable	Multimode：850nm 0～550M ， Singlemode：1310nm 0～40KM ， 1550nm0～	
Chip parameters		
Network protocol	IEEE802.3 10BASE-T； IEEE802.3i 10Base-T； IEEE802.3u 100Base-TX； IEEE802.3ab 1000Base-T； IEEE802.3z 1000Base-X； IEEE802.3x	
forwarding mode	Store-and-forward (full wire speed)	
Backplane Bandwidth	12Gbps (non-blocking)	22Gbps (non-blocking)
Packet forwarding rate@64byte	8.93Mpps	16.37Mpps
MAC address table	2K	4K
packet forwarding cache	2M	
jumbo frame	9.2K	
LED indicator	Power indicator: PWR (green); Network indicator: Link (green); POE work indicator: PoE (green)	
PoE and Power Characteristics		
POE power supply standard	1-4 ports support IEEE802.3af/at standard POE power supply	1-8 ports support IEEE802.3af/at standard POE power supply
power pin	By default, only 1/2(+), 3/6(-) 4-core power supply is supported	
Maximum single port POE power	30W, standard IEEE802.3af/at	
Total power/input voltage	65W （AC100-240V）	120W （AC100-240V）
Power consumption	Standby power consumption: <4W; full load power consumption: <65W	Standby power consumption: <6W; full load power consumption: <120W
Input voltage and interface	Built-in switching power supply AC: 100～240V 50-60Hz 1.0A	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～+85°C；5%～95% RH non-condensing	
Appearance size (L*W*H)	200*118*44mm	
Net weight/Gross weight	＜0.6kg / ＜1kg	＜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 mark, commercial；CE/LVD EN62368-1； FCC Part 15 Class B；RoHS；

Model	Device information	Power supply
TD-P3204GF	Unmanaged 5 10/100/1000M RJ45 ports + 1 1000M SFP optical slot Ethernet PoE switch, 1-4 ports support IEEE 802.3af/at international standards. Built-in 65W power supply.	65W
TD-P3308GF	Unmanaged 10 10/100/1000M RJ45 ports + 1 1000M SFP optical slot Ethernet PoE switch, 1-8 ports support IEEE 802.3af/at international standards. Built-in 120W power supply.	120W

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