

Overview

P3000 Series are Full gigabit ,4/8-port Gigabit high power (IEEE 802.3at) PoE Switches, utilizing a compact factor which can be mounted in a 19-inch rack with rack-mounting kits or placed on desktop.

With data and power supported by one unit, the P3000 Series shall reduce cables and eliminate the need for dedicated electrical outlets on the wall, ceiling or any unreachable place. Auto PoE detection and Plug and play installation makes P3000 series Gigabit PoE Switch easy to use and with clear LED indicators to tell the working condition.

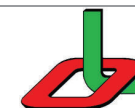
Hardware Features

	<p>P3008-4POE-65W</p> <p>4*10/100/1000M PoE ports; 4*10/100/1000M ports; IEEE 802.3af/at-compliant; Total output power: 65W;</p>		<p>P3008-8POE-150W</p> <p>8*10/100/1000M PoE ports; IEEE 802.3af/at-compliant; Total output power: 150W;</p>
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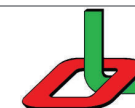
Characteristics

- **P3008-4POE-65W**:Max output power: 65W, supports at most 4* 802.3af-compliant powered devices(single port output power: 15.4W) or 2*802.3at-compliant powered devices(single port output power:30W);
- **P3008-8POE-150W**:Max output power: 150W, supports at most 8* 802.3af-compliant powered devices(single port output power: 15.4W) or 4*802.3at-compliant powered devices(single port output power:30W);
- Compatible with both IEEE802.3at(30W) and IEEE802.3af(15.4W), can supply power to PDs under these two standards;
- Transmitting electrical power together with data through a single network cable, free of power lines;
- Automatically detect and supply power to IEEE802.3at and IEEE 802.3af compliant powered devices(PDs);
- Advanced SAFC function, only supply power to IEEE 802.3af/at compliant PDs, no worry about damaging other private standard PoE devices or devices without PoE function;
- Support port power supply prioritization, guarantee the continuous power supply of key nodes;
- Up to 100m network cable transmitting distance, support flexible network expansion without power line deployment concerns. Users can freely fix their wireless APs, IP cameras or other end devices on the wall or ceiling;
- Built-in PSE power supply module, plug-and play design, easy to install;
- High security performance defending against power surge;
- Support short-circuit protection function, the switch will automatically start short-circuit function and cut off the power supply when there is high-current or other power failures, which can efficiently defend against device damage or network failures caused by line fault or wrong installation;
- Energy-saving green design, support auto-switch to standby mode and auto-detect cable length. It will stay in standby mode and save the power when the port is disconnected , or provide a lower transmission power when the network cable is less than 10m.

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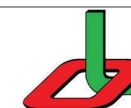
Product Specifications

Item	P3008-4POE-65W	P3008-8POE-150W
Fixed Ports	4*10/100/1000M PoE ports; 4*10/100/1000M ports;	8*10/100/1000M PoE ports ;
PoE standards	IEEE802.3af/at	IEEE802.3af/at
Max Output Power(single port)	30W	30W
Total Power Consumption	65W	150W
PoE Pin-out	1/2(+), 3/6(-); Customized 4/5(+),7/8(-)	
Switching Capacity	≥16Gbps	
Forwarding Mode	Full wire-speed storage and forwarding	
Forwarding Rate	10M: 14880pps/port	
	100M: 148809pps/port	
	1000M: 1488095pps/port	
Operation Temperature	-20~50°C	
Storage Temperature	-40~70°C	
Operation Humidity	10%~90%(non-condensing)	
Storage Humidity	5%~95%(non-condensing)	
Dimensions	280 (L)*180(W)*44(H)mm	
Input Power Supply	AC: 90~264V/50~60Hz/65W	AC: 90~264V/50~60Hz/150W
Weight	<1.5Kg	<2Kg
LED Indicator	Power, Link/Act, PoE Status	
Energy Saving	Comply with “EEE” Energy Efficient Ethernet	
Standards and Protocols	IEEE 802.3af,Power Over Ethernet	
	IEEE 802.3at,Power Over Ethernet Plus	
	IEEE 802.3u, 100BASE-TX	

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	IEEE 802.3ab, 1000 BASE-T
	IEEE 802.3x, Full-Duplex Flow Control
	IEEE 802.3az, EEE(Energy Efficient Ethernet)
MAC Address Table	Up to 8K MAC addresses
	Support auto-update, two-way learning
Port Flow Control	Back-pressure traffic control under Half-Duplex mode
	IEEE 802.3x traffic control under Full-Duplex mode
Jumbo Frame	Maximum supports 9216 Byte
Physic Medium	10/100Base-TX: UTP category 3/4/5 cables(Maximum 100m)
	1000Base-T: UTP Category 5 cable(Maximum 100m)
Network Cable Deployment	Support Auto-MDIX function, automatically identify straight forward cable and cross-over cable
Negotiation Pattern	Support port auto-negotiation function(automatically negotiate transmission rate and Duplex modes)

Ordering Information

Model Number	Detailed Information
P3008-4POE-65W	4*10/100/1000M PoE ports; 4*10/100/1000M ports; IEEE 802.3af/at-compliant; Total Output Power 65W;
P3008-8POE-150W	8*10/100/1000M PoE Ports; IEEE 802.3af/at-compliant; Total Output Power 150W;

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Quality Link Connections

