

26 Gigabit smart POE switches

[Product Overview]

26 Gigabit Ethernet Power Switches (POE switches), high-quality network IC and the most stable POE chips, POE switches provide seamless connection to 10 / 100 / 1000 M Ethernet, and the POE supply port can automatically detect and supply receiving devices meeting IEEE802.3af or IEEE802.3at standards, non-POE devices intelligently detect no power and only transmit data.

POE technology (Power over Ethernet), Ethernet power supply technology, while also providing DC power supply technology for some IP-based terminals, such as IP phones, wireless access AP, network cameras, etc., DC receiving devices called powered devices.

With simple and convenient installation and maintenance means and rich business characteristics, we can help users to build a safe and reliable high-performance network. It is mainly located in the core or convergence layer of user networks of industrial parks, buildings, factories and mines, government organs, community broadband; and can be widely used in small and medium-sized enterprises, Internet cafes, hotels, schools and other Ethernet access scenarios.

[Main Features]

- Support for 24 Gigabit POE ports, + 2 Gigabit SFP optical ports
- Support for IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3z
- Compatible with IEEE802.3at (30W) and IEEE802.3af (15.4w)
- Ethernet ports support 10 / 100 / 1000M adaptive and POE features
- Support for port automatic flip (Auto MDI/MDIX)
- Exchange mechanism using storage and forwarding
- All ports support line-speed switching
- Zero configuration feature, automatically supplied to adaptive equipment
- Panel indicators monitor operating status and help with fault analysis
- Support for the 1-8-port QOS priority
- Three-gear one-key intelligent code dialing switch, supporting VLAN, Normal, Extend three modes
- Support port lightning protection Surge: common mode 4KV, differential mode 2KV; static ESD: air 8KV, contact 6KV

[Application Environment]

- Urban optical fiber broadband network: telecommunications, cable TV, network system integration, according to network operators
- Broadband special network: suitable for finance, government, oil, electricity, public security, education and other industries
- Multimedia transmission: image, voice, data comprehensive transmission, suitable for remote teaching, conference television, video telephone and other applications
- Real-time monitoring: real-time control of signal, image and data for simultaneous transmission

[Technical indicators]

I / O interface	
Power supply input	AC100-240V/50-60Hz
Ethernet Network	24* 10 / 100 / 1000Mbps PoE ports 2* Gigabit SFP ports
Performance	
Exchange capacity	52Gbps
Package forwarding rate	38.68Mpps
Package Cache	4M
MAC Address Table	8K
Giant frame	9.6Kbytes
Forward mode	Storage forwarding
Standard	
Network protocol	IEEE 802.3: Ethernet Media Access Control (MAC) protocol IEEE 802.3i:10BASE-T Ethernet IEEE 802.3u:100BASE-TX Fast Ethernet IEEE 802.3ab:1000BASE-T Gigabit Ethernet IEEE 802.3z:1000BASE-X Gigabit Ethernet (Optical Fiber) IEEE 802.3x: Flow Control
PoE Standard	IEEE802.3af(15.4W) IEEE802.3at (30W)
Industry Standards	EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD), EN61000-4-4 (EFT), EN61000-4-5 (Surge)
Network media	10Base-T: Cat3, 4, 5 Class or above UTP/STP ($\leq 100m$) 100Base-TX: Cat5 Class or above UTP/STP ($\leq 100m$) 1000Base-TX: Cat5 Class or above UTP/STP ($\leq 100m$) Multimode optical fiber: 50/125,62.5/125,100 / 140um Single-mode optical fiber: 8/125,8.7/125,9 / 125,10 / 125um
Environmental Standards	
Working environment	Operating temperature: -10~50 °C Storage temperature: -40~70 °C Working humidity: 10%~90%, no condensation Storage humidity: 5%~90%, no condensation

Functional indication	
Indicator lamp	PWR(Power indication), 1000M(chain street lamp), ACT (data lamp)
Status	PWR: Normally lit Equipment powered on / Unlit Equipment Unpowered 1000M: Bright Gigabit / not Gigabit or Link ACT: always bright without data transmission / shiny data transmission / no link
Dial-Up Code Definition	Default:1-24 port standard exchange, free communication for all ports VLAN:1-24 ports are isolated from each other and communicate with two optical ports Extend:17-24 port 10M mode, link extended to 250 m
Physical specifications	
Structural dimensions	Product Size: 440 * 204 * 44mm Package Dimensions: 500 * 290 * 85mm Product net Weight: 2.85KG Product gross weight: 3.5KG
Boacking Information	Outer box dimensions: 520 * 445 * 310mm Quantity of quantity: 5 PCS Boacking weight: 18KG
Supply voltage	Input voltage: AC100-240V/50-60Hz Power supply power: 300W
Boacking List	Switch: 1, manual: 1, certificate: 1, power cord: 1,1 pair of hanging ears
Order Information	
HN24G2S-300	26 Gigabit smart POE switches

[Product Effect]



[Product Application Chart]

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