

PNET-P24E2SWM

26 Port Gigabit Web Managed Ethernet PoE Switch 400W



Product Description

The 26 Port Gigabit Web Managed Ethernet PoE Switch adopts high-quality and high-speed network IC. It has a fan less and silent design, which completely solves the problem of high noise when small switches are deployed in an office environment. This switch has 24x Gigabit POE RJ45 ports+ 2x Gigabit SFP ports, which can provide seamless connection for 10/100/1000M Ethernet, supports WEB management, and is easy to manage and maintain. This product can be widely used in security network video surveillance, hotels, campuses, and small and medium-sized enterprises. Network engineering and other occasions.

Main Features

- Support 24x Gigabit PoE RJ45 ports+2x Gigabit SFP Ports.
- **Full PoE support on all ports** – Complies with **IEEE 802.3af** (PoE, 15W) and **IEEE 802.3at** (PoE+, 30W) standards on all 24 ports, with a total PoE power budget of up to 400W.
- Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3z standard.
- Ethernet port supports 10/100/1000M adaptive.
- Support port auto flip (Auto MDI/MDIX).
- Adopting a storage and forwarding exchange mechanism.
- All ports support line speed switching.
- 1U rack installation.
- Panel indicator lights monitor working status and help failure analysis.
- Support QOS data priority.
- Surge Protection: General 4KV, Differential 2KV (level B), ESD 8KV air, 6KV contact (level C).

Application Environment

- Metro Optical Broadband Network: Data network operators such as telecommunications, cable TV, and network system integration, etc.

- Broadband private network: Suitable for financial, government, oil, railway, electric power, public security, transportation, education, and other industries.
- Multimedia transmission: Integrated transmission of images, voice, and data, suitable for remote teaching, conference TV, videophone and other applications.
- Real-time monitoring: Simultaneous transmission of real-time control signals, images and data.

Specifications

I/O Interface	
Power	AC100-240V / 50-60Hz
Ethernet	24x 10/100/1000Mbps POE RJ45 Ports 2x Gigabit SFP Ports
Performance	
Bandwidth	52Gbps
Pack Forward Rate	38.68Mpps
Pack Cache	4Mbit
VLAN	VLAN range 1-4094, with a maximum active VLAN of 31
MAC Address Table	8K
Jumbo Frame	9216Kbytes
Transfer Mode	Storage & Forward
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 (fiber optic) IEEE 802.3x: Flow Control
Industry Standard	EMS: EN61000-4-2 (ESD) EN61000-4-5 (Surge)
Network Medium	10Base-T: Cat3, 4, 5 or above UTP/STP(≤100m) 100Base-TX: Cat5 or above UTP/STP(≤100m) 1000Base-TX: Cat5 or above UTP/STP(≤100m)
Fiber Optic Medium	Multimode: 50/125, 62.5/125, 100/140um Single mode: 8/125, 8.7/125, 9/125, 10/125um
PoE Standard	IEEE 802.3af (15.4W) IEEE 802.3at (30W) PoE+ Supported on all ports with a total PoE power budget of up to 400W
Certification	
Safety Certificate	CE, FCC, RoHS
Environment Standard	
Working Environment	Working Temperature: -10~50°C Storage Temperature: -40~70°C Working Humidity: 10%~90%, non-condensing Storage Humidity: 5%~95%, non-condensing
Function Indicator	
Indicator	PWR (Power Indicator), 1000M (Link Light), Act (Link&Data Light)
PWR	On: Powered on

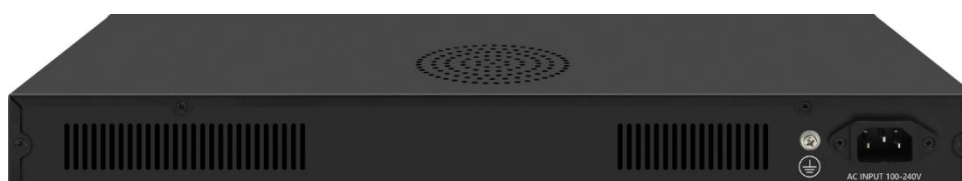
	Off: Powered off
1000M	On: Gigabit link on Off: 10/100M Link or Link off
Act	On: Link connecting Flashing: Data transmitting Off: Link off
Reset	Short press to restart long press 5S to restore factory settings
Physical Structure	
Structure size	Product Size: 440*280*44mm Package Size: 500*365*85mm Product Net-Weight: 3.55KG Product Gross-Weight: 4.22KG
Packing Info	Carton Size: 520*445*385mm Packing Qty: 5 PCS Packing Weight: 22.1KG
Power Voltage	Input Voltage: AC 100-240V 50/60Hz Power Supply: 52V 7.69A
Consumption	Mother Board Power: Maximum 20W POE Power: Maximum 380W
Packaging List	1 Switch, 1 Power cord, 1 Manual, 1 Certificate of Conformity, and 1 Pair of Hanging Ears

FUNCTION

L2 Function	
Port	Port Switch Configuration
	Port Speed Configuration
	Port Duplex Configuration
	Port Flow Control Configuration
	Jumbo, up to 9216bytes
	EEE
Link Aggregation	Static Group
	Up to 4 groups
	Max. 8 members per group
Storm Control	Board cast
	Unknown Multicast
	Unknown Uni cast
Port Mirroring	support
Port Security	MAC Address Constraints
Port Isolation	support
Port Rate-limit	support
Loop back Detection	support
VLAN	Access/Trunk/Hybrid
	VLAN range 1-4094, with a maximum active VLAN of 31
MAC Address	Dynamic Address
	Static Address
	Address Lookup
Spanning Tree Protocol	STP/RSTP
	Edge Port

Multicast	IGMP Snooping
	IGMP V1/V2
	Router Port
	Static IGMP Join
QOS	Traffic classification based, Strict priority and WRR
	Port Priority
	Supports up to 8 queues per port
Services	
Access Protocol	HTTP
Port Statistics	support
Management	support
Manager IP	Static Address
	DHCP Client
User	support
Firmware	Firmware Upgrade
Configuration	Upload and download
Save	support
Restart	support
Factory Defaults	support
Standards Compliance	
IEEE 802.3x flow control and back pressure	
IEEE 802.1D Spanning Tree Protocol	
IEEE 802.1w Rapid Spanning Tree Protocol	
IEEE 802.1p Class of Service	
IEEE 802.1Q VLAN tagging	
RFC 768 UDP	
RFC 791 IP	
RFC 792 ICMP	
RFC 2068 HTTP	
RFC 1112 IGMP v1	
RFC 2236 IGMP v2	

Panel Instruction



Dimensions

