

PNET-24E2SWM

26 Port Gigabit Network Switch

WEB MANAGED



Product Description

The 26-port full gigabit light network managed switch adopts high-quality and high-speed network ICs, and this product completely solves the problem of noise of small switches in the office environment through the fanless mute design. This switch has 24 Gigabit RJ45 ports and 2 1000M SFP ports, can provide seamless connection for 10/100/1000M Ethernet, supports three working modes, one-key smart simple switching working mode, easy to manage and maintain, the product can be widely used in Security network video surveillance, hotel, campus, small and medium-sized enterprise network engineering and other occasions.

Main Features

- 24x10/100/1000M RJ45 Ports+2x1000M SFP Ports
- Comply with IEEE 802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3z standards
- Ethernet port 10/100/1000M rate auto adaptive
- Flow control mode: full duplex adopts IEEE 802.3x standard, half-duplex adopts Back pressure standard
- Support Port Auto-flip (Auto MDI/MDIX)
- Panel indicators to monitor working status and help fault analysis
- Support QoS data priority
- Surge Protection: General 6KV (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	Input: AC 100-240V, 50/60Hz
Ethernet	24*10/100/1000Mbps RJ45 Ports 2*1000M SFP Ports
Performance	
Switching Capacity	52Gbps
Throughput	38.68Mpps
Packet Buffer	4Mbit
VLAN	VLAN range 1-4094, with a maximum active VLAN of 31
MAC Address	8K
Jumbo Frame	9216Kbytes
Transfer Mode	Store and forward
Standard	
Network protocol	IEEE802.3 (10Base-T) IEEE802.3u (100Base-TX) IEEE802.3ab(1000Base-TX) IEEE802.3z(1000Base-FX) IEEE802.3x (Flow control)
Industry Standard	EMS: EN61000-4-2 (ESD) EN61000-4-5 (Surge)
Network Medium	10Base-T: Cat3, 4, 5 or above UTP(≤100m) 100Base-TX: Cat5 or above UTP(≤100m) 1000Base-TX: Cat5 or above UTP(≤100m)
Optical Media	Multimode fiber: 50/125, 62.5/125, 100/140μm Single mode fiber: 8/125, 8.7/125, 9/125, 10/125μm
Protection	
Security Certificate	CE、FCC、RoHS
Environment	
Working Environment	Working Temperature: -10~50°C Storage Temperature: -40~70°C Working Humidity: 10%~90%, non-condensing Storage Humidity: 5%~95%, non-condensing
Indication	
PWR (power supply)	Lighting: Powered Un-Light: No Power
Link/Act (1-26)	Lighting: Connecting Flashing: Data Transmit Un-Light: Disconnect
1000M (1-26)	Lighting: 1000M Link Connecting Un-Light: 10/100M Link Connecting or Disconnect
Reset	Long press for 6 seconds to restore factory settings
Mechanical	
Structure Size	Product Dimension: 440x204x44 mm Package Dimension: 500x290x85 mm
	N.W: 2.36kg G.W: 2.93kg

Packing Info	Carton MEAS: 520x445x310 mm Packing Qty: 5 units Packing Weight: 15.6KG
Power Voltage	Input Voltage : AC 100-240V 50/60Hz Power supply: 12V 2A
Power	Maximum 20W
Package List	Switch 1 pcs, Power cord 1 pcs, User manual 1 pc, Certification 1 pc, Brackets 1 pair

Software Functions

L2 Function	
Port	Port Switch
	Port Speed
	Port Duplex
	Port Flow Control
	Jumbo, Up to 9216bytes
	EEE
Link Aggregation	Static Group
	Up to 4 groups
	Max. 8 members per group
Storm Control	Broadcast
	Unknown Multicast
	Unknown Unicast
Port Mirroring	
Port Security	MAC Address Constraints
Port Isolation	
Port Rate-limit	
Loopback Detection	
VLAN	Access/Trunk/Hybrid
	Configurable VID from 1 - 4094; Max. 31 static VLAN groups
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	
Management	
Manager IP	Static Address
	DHCP Client

User	
Firmware	Firmware Upgrade
Configuration	Upload and download
Save	
Restart	
Factory Defaults	
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	

Product Dimensions

