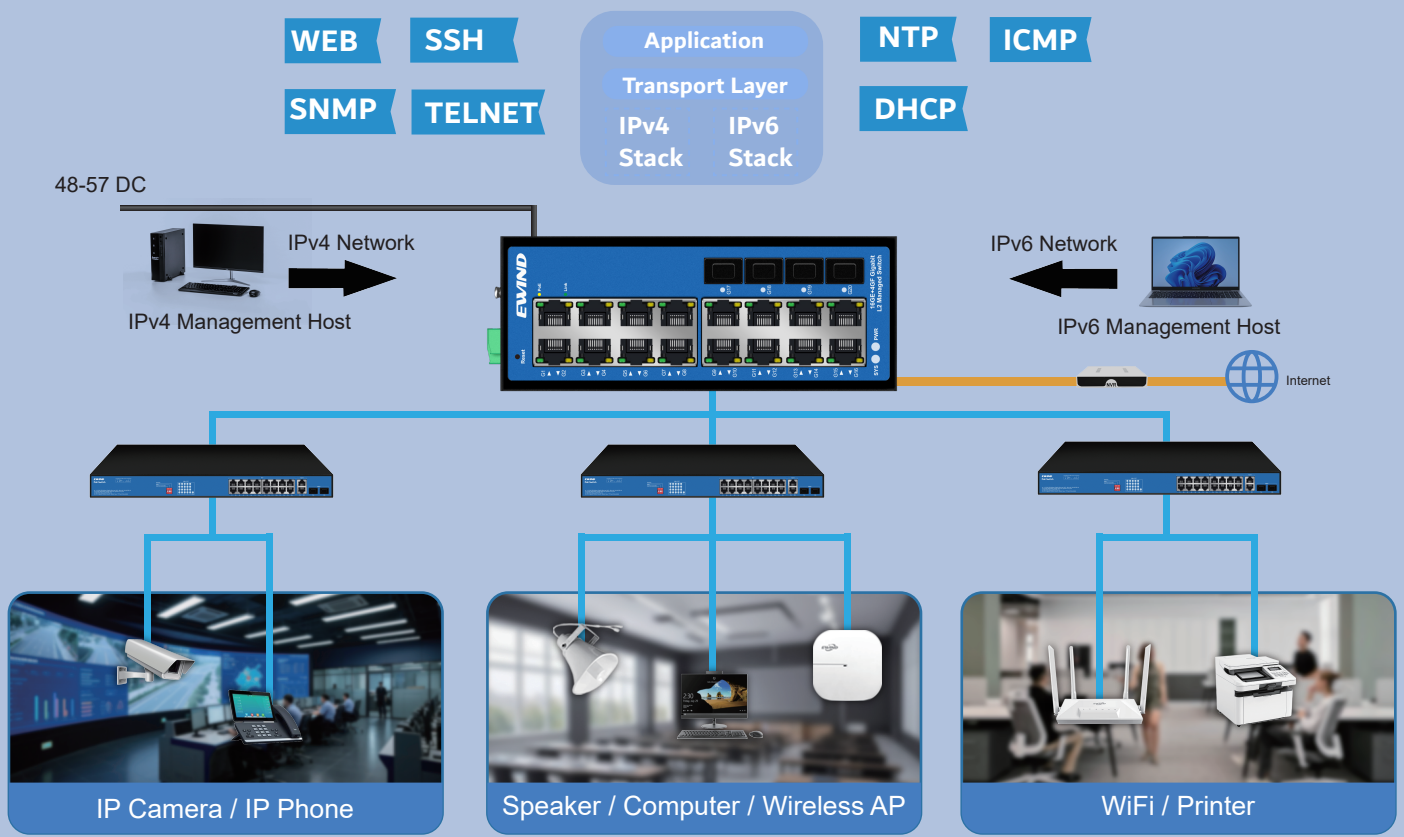


Full Gigabit Layer 2+ Industrial Managed PoE Switch

This is a gigabit L2+ level Management industrial PoE switch. It features 1000Mbps POE ports and SFP optical fiber slot ports. The POE power supply capacity of a single port can reach 30 watts. The management function has L2+ full network management capabilities, supporting IPv4/IPv6 management, full static routing rate forwarding, security protection mechanisms, complete ACL/QoS policies, and rich VLAN functions, and is easy to manage and maintain.
It supports various network redundancy protocols, such as STP/RSTP/MSTP (<50 milliseconds) and (ITU-T G.8032) ERPS, to enhance link backup and network reliability. When a single-direction network fails, communication can be quickly restored to ensure uninterrupted communication for critical applications. According to actual application requirements, various application services can be configured through the network management interface, such as POE power management, port traffic control, VLAN partitioning, and SNMP, etc.



Features

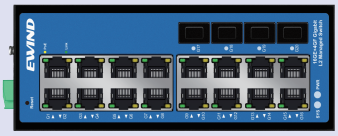
- **Manage Function**

Support QOS, STP/RSTP, IGMP, DHCP, SNMP, WEB, VLAN, ERPS etc.

- **PoE Port Function**

POE port can be real-time network management, timed on/off, can force POE working mode, real-time display of POE port power

Technical Specifications

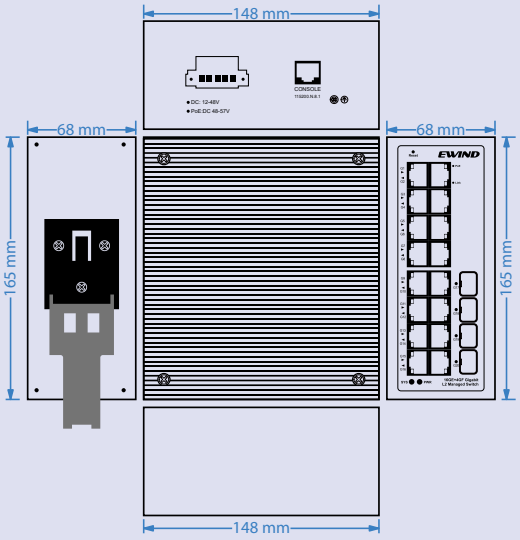


Model	EW-PIS3620M-16GE
PoE Ports	16*10/100/1000Mbps
Uplink Ports	4*100/1000Mbps SFP Ports
DC power Interface	2 sets of V+, V- redundant DC power interface (6 Pin Phoenix terminal)
Console Port	1 * RS232 console port
Switching Capacity	40Gbps
Forwarding Rate	58Mpps
MAC Address Table	16K
Buffer Memory	4M
Jumbo Frame	9.6K
Power Consumption	Standby:<10W;Full load:<240W.
Dimension	165*148*68mm
Net /Gross Weight	<1.5kg /<2.0kg
LED Indicator	Power: PWR (green), system: SYS (yellow), network: Link (yellow), fiber port: L/A (green), PoE: PoE (green), rate: Speed (green)
Network Protocol	IEEE802.3 10BASE-T;IEEE802.3u 100BASE-T/TX;IEEE802.3ab 1000BASE-TI;EEE802.3z 1000BASE-X IEEE802.3u 100BASE-FX;IEEE802.3x.
Ethernet Port Feature	10/100/1000Base-T(X), Auto-sensing,Full/half duplex MDI/MDI-X self-adaption
SFP Slot Port	Gigabit SFP optical fiber interface, default matching optical modules (optional order single-mode / multi-mode, single fiber / dual fiber optical module. LC)
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 Fiber Cable	Multi-mode: 850nm 0 ~ 550M,Single mode: 1310nm 0 ~ 40KM, 1550nm 0 ~ 120KM.
Power Supply Pin	Default 1/2(+), 3/6(-).
Power Supply	PoE:48-57V,DC 12-48V
Operation TEMP/Humidity	-40~+85°C:5%~90% RH non condensing
Storage TEMP/Humidity	-40~+85°C;5%~95% RH non condensing
Installation Method	Desktop, 35mm DIN rail
Lightning protection	Lightning protection: 6KV 8/20us; Protection level: IP40 IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge IEC61000-4-3(RS):10V/m(80~1000MHz) IEC61000-4-4(EFT): power cable: ±4kV; data cable: ±2kV IEC61000-4-5(Surge): power cable:CM±4kV/DM±2kV; data cable: ±4kV

Model	EW-PIS3620M-16GE
Lightning Protection	IEC61000-4-6(radio frequency transmission):10V(150kHz~80MHz) IEC61000-4-8(power frequency magnetic field):100A/m;1000A/m ,1s to 3s IEC61000-4-9(pulsed magnet field):1000A/m IEC61000-4-10(damped oscillation):30A/m 1MHz IEC61000-4-12/18(shockwave):CM 2.5kV, DM 1kV IEC61000-4-16(common-mode transmission):30V; 300V,1s FCC Part 15/CISPR22(EN55022): Class B IEC61000-6-2(Common Industrial Standard)
Certification	CCC;CE mark,commercial;CE/LVD EN60950;FCC Part 15 Class B;RoHS.
Warranty	5 years,lifetime maintenance.
PoE Management	Total power limit of PoE power supply;PoE output power allocation, off& af &at PoE output priority configuration;PoE working status;Delay start of power supply;Scheduling of PoE operation and time
Interface	Support IEEE802.3x flow control (full duplex)； Support for broadcast storm suppression based on port rate support speed limit for incoming and offline message traffic, with a minimum particle size of 64Kbps. Support port temperature protection settings;Support port EEE green Ethernet energy saving configuration
Layer 2 Features	L2 Network management IPV4/IPV6 management Static route, Default route @ 128 pcs, APR @ 1024 pcs
VLAN	Support port based VLAN (4K), IEEE802.1q;Support protocol based VLAN;Support QinQ configuration Support Voice VLAN;Support for MAC address-based VLANs;Support Access, Trunk, Hybrid three types of port configuration
Port Aggregation	Support LACP; Support static polymerization; Support the largest 8 aggregation groups, each aggregation group supports 8 ports.
Spanning Tree	STP (IEEE802.1d), RSTP (IEEE802.1w), MSTP (IEEE802.1s)
Industrial Ring Network Protocol	G.8032 (ERPS), Recovery time less than 20ms,255 Ring at most, Max 1024 devices per ring.
Multicast	Support IGMP Snooping V1/V2 and support 1024 multicast groups at most;Support the user's quick departure mechanism;Support MLD Snooping V1/V2;Support multicast VLAN.
Port Mirroring	Bi-directional data mirroring based on port
QoS	Support Diff-Serv QoS;Each port supports 8 output queues;Support 802.1p/DSCP priority mapping Support queue scheduling mechanism (SP, WRR, SP+WRR);Support priority tag Mark/Remark Support stream-based packet filtering;Support for stream-based redirection;Support flow-based speed limit
ACL	Support L2 to L4 packet filtering function, can match the first 80 bytes of the message,provide based on the source MAC address, destination MAC address, source IP address, destination IP address, IP protocol type, TCP/UDP port, TCP/UDP port range,VLAN and other definition ACL.Support ACL based on port and VLAN
Remote Management	Shall support remote management through SNMP traps
Industrial Rating	IP40 and NEMA TS-2
DHCP	DHCP Client, DHCP Snooping,DHCP Server,DHCP Relay
System	Web browser: Mozilla Firefox 2.5 or higher, Google browser chrome V42 or higher,Microsoft Internet Explorer10 or later;Cat5e or later Ethernet cable;TCP/ IP, network adapter and network operating system (Microsoft Windows, Linux orMac OS X) installed on every computer in the network.
Safety Characteristics	Support user grading management and password protection Support IEEE802.1X authentication / centralized MAC address authentication Support AAA&RADIUS authentication Support the number of MAC address learning restrictions Support MAC address black hole Support SSH 2.0 to provide secure passwords for user login. Support SSL to ensure data transmission security Support port isolation Support the speed limit function of ARP message Support IP source address protection Support ARP intrusion detection function Support against DoS attacks Support port broadcast message suppression Support host data backup mechanism Binding capabilities of IP+MAC+VLAN+ ports

Model	EW-PIS3620M-16GE
Management and Maintenance	Support Console/AUX Modem/Telnet/SSH2.0 CLI command line configuration Support WEB network management (HTTPS) Support FTP, TFTP, Xmodem, SFTP file download management Support SNMP V1/V2C/V3 Support one bond reduction Support NTP clock Support system work log Support Ping detection Support cable state detection Support CPU instant utilization status view Support link layer discovery protocol LLDP Support NMS intelligent management center

Appearances and Dimensions



Packing list

CONTENT	QTY	UNIT
Full Gigabit Layer 2+ Industrial Managed PoE Switch	1	SET
User Guide and Warranty Card	1	PC

Contact us

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