

24 Port Management Network Switch



ESW-PoE-1024

Version: 20250418

Introduction

ESW-POE-1024 is a highly efficient and stable PoE-managed switch featuring 24 ports + 4 1G Combo (RJ45/Fiber) ports. Its RJ45 ports support 10/100/1000 Mbps, providing high-performance network connectivity and power supply.

The device supports fast forwarding on all ports and includes MDI/MDIX automatic crossover detection, ensuring smooth and reliable network operation.

Utilizing store-and-forward technology and dynamic memory allocation, it optimizes bandwidth allocation to meet high-traffic transmission demands. The switch is equipped with a highly reliable wide voltage input design, ensuring stable operation even under fluctuating voltage conditions.

Supporting multiple operating modes, it adapts to various working environments and features plug-and-play functionality, requiring no additional configuration. This enables users to quickly and efficiently deploy network structures with ease. The ESW-POE-1024 is an ideal choice for enterprise-grade network construction..

Features

- Standard Compliance with IEEE802.3, IEEE8.203u IEEE802.3ab IEEE802.3x, IEEE802.1q.
- IEEE802.3x flow control for Full-duplex Mode and backpressure for Half- duplex Mode
- Used store-and-forward mode
- Support IEEE802.3af , IEEE802.3at PoE Standards
- Support loop detection
- Support 8K Mac Address Table
- Supports PoE power up to 30W for each PoE port, all power up to 400W
- Switching Capacity up to 56Gbps.
- Supports Web GUI management
- Support Jumbo Frame.
- Support priority queues for QoS.

Package Contents

Item	Qty
ESW-PoE-1024	1
AC C13 power cord	1
Mounting Ear	2

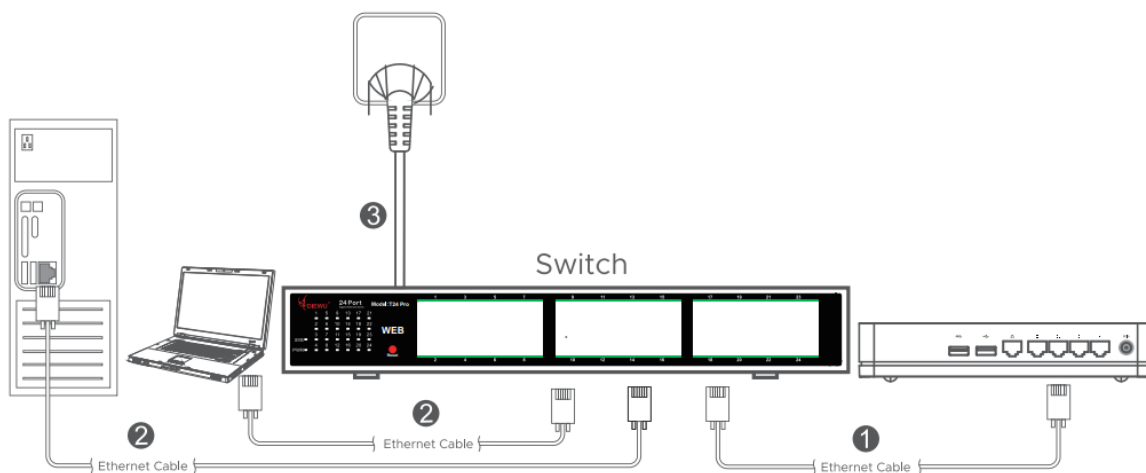
Technical Specifications

ESW-POE-1024 Specification		
Chipset	EN8853C+EN8808Q x 3+EN8804F+IP808AR x 3	
Standard Compliance	IEEE802.3 , IEEE802.3u , IEEE802.3ab , IEEE802.4x , IEEE802.1q	
Interface	24 x 10/100/1000Mbps auto-negotiation RJ45 ports + 4 x 1G Combo (RJ45 or Fiber)	
Transmission Mode	Store-and-Forward	
Mac Address Table	8K	
Switching Capacity	56Gbps	
Packet forwarding rate	35.7Mbps	
Packet Buffer	4M bits	
Jumbo Frame	15K	
Power Supply	AC 100-240V 50/60Hz	
Power Consumption	Up to 400w	
Operating Temperature	0°C ~ 50°C RH 10 ~ 90% (non-condensing)	
Storage Temperature	-40°C ~ 70°C RH 5 ~ 90% (non-condensing)	
LED indicator (Device)	Power	Green
	Sync	Green
LED indicator (Port)	Link/ACT	Green(100M), Orange (1000M)
	PoE	Green
Dimensions (W x L x H)	220 x 440 x 44.5 mm	

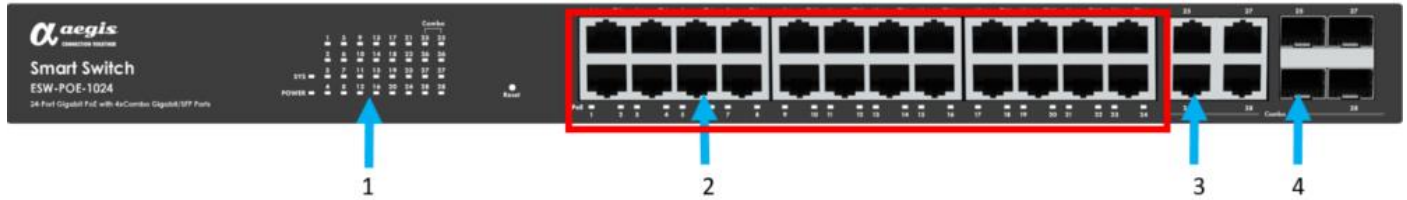
Management Characters

System Manage	System information, IP Information, Port Information, Account management, Optical Module status.
System Configure	IGMP Snooping , Port Trunk , Loop Prevention ,Port Mirror ,Speed Limit , Jumbo Frame , EEE Config , SNMP, Spanning Tree , LLDP Config , LLDP Neighbor
VLAN	MTU VLAN , Port-Based VLAN , 802.1Q VLAN , Voice VLAN , Surveillance VLAN
QoS	QoS Basic , QoS Advanced
PoE	PoE management
Security	MAC Management, Storm Control, Traffic Monitor, Cable Diagnostics, DHCP Snooping.
Tools	Ping Tool , Backup Restore , System Reset , Save Settings , System Reboot

Connection Diagram

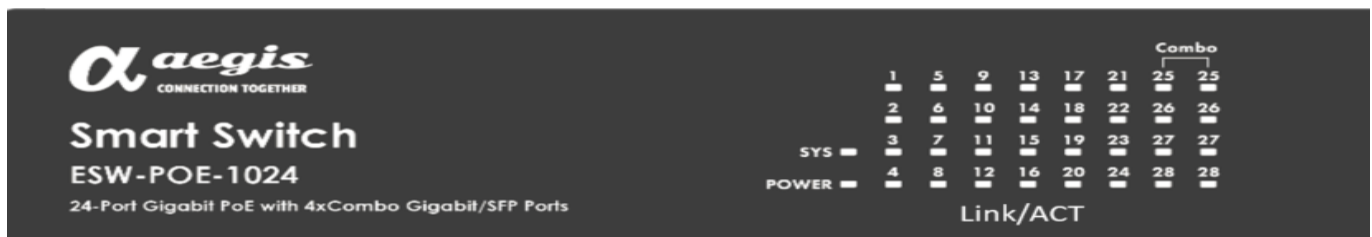


Panel Description



1	LEDs	Indicate the status of PoE Link
2	RJ45 PoE Port	Connect to LAN via RJ45
3	RJ45 (Combo)	Connect to LAN via RJ45
4	Optical Port(Combo)	Connect to LAN via Fiber

LED Indicator Status Description



LED	Indicator Status	Description
Power/PWR	On	The indicator light is always on , the device is working normally or is powered on
	Off	The indicator light is off, the device is not started or is not powered on
SYS	On	Power is on the switch is ready for operation
	Off	Power is off or a failure has occurred.
Link/ACT	On	Corresponding Link/ACT port is not connected normally, no data passes
	Blink	Corresponding to normal connection if the Link/ACT port, these is data passes
	Off	Corresponding Link/ACT port no connection or connection failure.

Connecting to the Switch Web GUI

To use your browser to configure Switch

1. Record your computer's TCP/IP configuration settings, and then configure the computer with a static IP address of 192.168.2.x and 255.255.255.0 as the subnet mask
2. Plug the switch into a power outlet and then connect your computer to the switch using an Ethernet cable.
3. Open your internet browser (Google Chrome, Mozilla, Edge etc).
4. Type the network switch default IP address into the web browser bar
5. Enter the default user name and password

Default IP address: 192.168.2.1

User: admin

Password: admin