Product Datasheet

24-Port Full Gigabit PoE Fiber Switch

EW-33024PFU



OVERVIEW

The POE33024PFB series is a full gigabit PoE fiber switch. It has 24*10/100/1000M RJ45 ports and 2*1000M SFP solt ports. Port 1-24 can support IEEE 802.3af/at standard PoE power supply. single port PoE power reaches 30W, and the maximum PoE output power is 250W. As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, webcam, VoIP, visual intelligent building intercom through network cable, and meet the network environment that needs high-density PoE power supply. It is

suitable for hotel, campus, park, attraction, supermarket, factory quarter and small and medium-sized enterprises to form a cost-effective network.

Unmanaged model, plug and play, no configuration, easy to use.

FEATURE

■ Full gigabit access, gigabit SFP port uplink

◇ All series supports "gigabit Ethernet port and gigabit SFP fiber port " combination, which enables users to flexibly build networking to meet the needs of various scenarios.

◇ Support non-blocking wire speed forwarding .

◇ Support full duplex based on IEEE802.3x and half duplex based on backpressure .

■ Intelligent PoE power supply

◇ 24*10/100/1000Base-T RJ45 ports support PoE power supply to meet the needs of PoE power supply in security monitoring, teleconferencing systems, and wireless coverage.

◇ Conforms to the IEEE 802.3af/at PoE power supply standard, automatically recognizes PoE devices for power supply, without damaging non-POE devices. The maximum POE output power of the entire device reaches 250W, and the maximum POE output power of a single port is 30 W.

◇ The PoE port supports the priority mechanism. When the remaining power is insufficient, the power supply of the high-priority port is preferentially guaranteed to prevent the device from being overloaded.

■ The equipment is stable and reliable

◇ The host has low power consumption, no fan, galvanized steel metal shell, excellent heat dissipation, and ensure stable operation of products.

◇ The equipment fully meets the requirements of CCC; CE, FCC and RoHS safety regulations, and is safe and reliable.

◇ Self-developed power supply, high redundancy design, provides long-term stable PoE power output.

■ Easy to operate

◇ Plug and play, no configuration, simple and convenient.

◇ The user can easily understand the working status of the device through the power indicator (PWR), port status indicator, and PoE operation indicator.

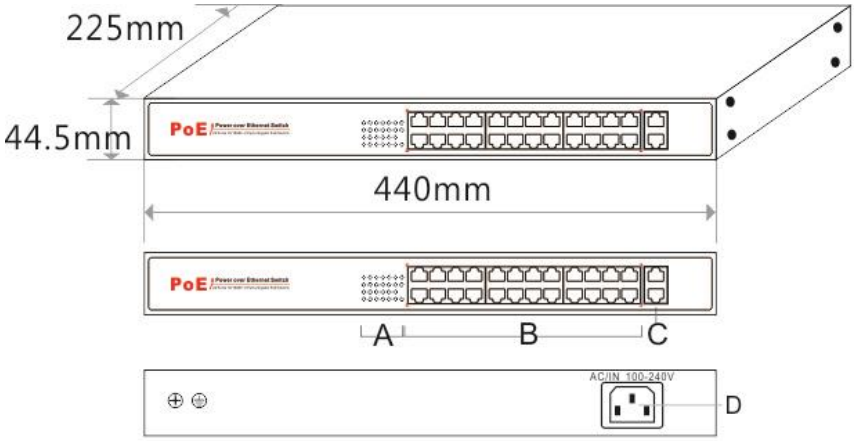
TECHNICAL SPECIFICATION

Model	POE33016PFU	POE33024PFU
Interface	16*10/100/1000Base-T PoE ports(Data/Power); 2*1000Base-X SFP ports (Data)	24*10/100/1000Base-T PoE ports(Data/Power); 2*1000Base-X SFP ports (Data)
POE Port	Port 1-16 can support PoE @ IEEE802.3af/at	Port 1-24 can support PoE @ IEEE802.3af/at
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X IEEE802.3x	
PoE Standard	IEEE802.3af/at	

Ethernet Port Feature	Port 1-16 can support 10/100/1000Base-T,auto-sensing, full/half duplex MDI/MDI-X	Port 1-24 can support 10/100/1000Base-T,auto-sensing, full/half duplex MDI/MDI-X
Fiber Port Feature	Gigabit SFP optical fiber interface (Fiber module is not included, need to order separately, module options include single/multi mode, single/dual fiber, LC)	
Forwarding Mode	Store and Forward(Full Wire Speed)	
Switching Capacity	48Gbps (Non-blocking)	52Gbps (Non-blocking)
Forwarding Rate@64byte	26.78Mpps	38.69Mpps
MAC	8K	
Buffer Memory	4M	
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 Cable	Multi-mode:850nm 0~550M.Single-mode :1310nm 0~40KM,1550nm 0~120KM.	
Power Supply Pin	Default: 1/2(+),3/6(-);	
Max / Average Power Per Port	30W/15W	
Total PWR / Input Voltage	250W (AC100-240V)	
Power Consumption	Standby:<18W; full Load:<240W	Standby:<25W; full Load:<250W
LED Indicator	power indicator: PWR (green); network indicator:1-16(24)/ G1-2 (green); PoE indicator: PoE (green);	
Power Supply	Built in power supply, AC100~240V 50-60Hz 4.1A short circuit, over current, overload protection.	
Operation TEMP/Humidity	-20~+55°C; 5%~90% RH, Non-condensing	

Storage TEMP /Humidity	-40~+75°C; 5%~95% RH, Non-condensing	
Certification(L*W*H)	270.5*181*44.5mm	330*204*44mm
Net /Gross Weight	<1.7kg /<2.2kg	<2.3kg /<3kg
Installation Method	desktop type ,wall mounted,19 inch 1U cabinet installation	
Lightning protection / protection level	Port Lightning Protection 4KV 8/20us; Protection Level: IP30	
Certification	CCC; CE mark, commercial ;CE/LVD EN60950;FCC Part 15 Class B; RoHS	
Warranty	3 years, lifetime maintenance	

DIMENSION



A.PoE Working indicator
B.24* PoE Ports
C. 2*Gigabit SFP Ports
D.AC100-240V,50/60Hz

APPLICATION

