

# 16FE+2GE+1SFP Lite Series Long Range PoE Switch

Model: PS12402FE-L



## Product Introduction

PS12402FE-L has 24\*10/100M PoE ports + 2\*1000M RJ45 Ports + 1\*100/1000M SFP Port PoE Switch, Port 1-24 can support IEEE 802.3af/at standard PoE power supply, single port PoE power up to 30W, and the maximum POE output power is 300W. 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 phone, video access control intercom, etc. through network cable to meet the network environment that needs high-density PoE power supply. It is suitable for hotels, campuses, factory quarters and small and medium-sized enterprises to form an economy. Efficient network.

## Features

- ◎24FE+2GE+1SFP uplink 300M Long Range PoE Switch with 24 PoE Port
- ◎Support IEEE802.3 af/at PoE protocol, An PoE RJ45 port can supply maximum power output of 30W;
- ◎ Internal power adapter supply 300W
- ◎Support one-key switch to VLAN mode and 300m long distance transmission mode;
- ◎Port 1-24support 10/100Mbps auto-negotiate, port 25-26 support 10/100/1000mbps auto-negotiate
- ◎Support Half/Full duplex adaptive, and auto MDI/MDI-X function;
- ◎All port support wire-speed forwarding;
- ◎Support desktop and wall-mounted, and rack-mount installation;
- ◎Plug and Play, no configuration requirements;
- ◎Metal case, internal power supply, Excellent heat dissipation performance can let the product running stable for a long time

*Integrated Solution, Better Living*

## Specification

Model		PS12402FE-L
Interfaces		
Fixed Port	24*10/100Base-TX PoE ports (Data/Power) 2*10/100/1000Base-T RJ45 ports (Data) 1*100/1000Base-X uplink SFP fiber slot (Data)	
PoE		
POE Port	Port 1-24 support PoE @ IEEE802.3af/at	
Feature	With the Dial code switch,  E: AI Extend 300meters transmission;  V: Turn on, 1-24 Port support each port Isolation & VLAN;  Support Watchdog function by default: 1-24 Port support AI-PoE Network self-healing mode (PoE Watchdog function), Automatic solve the camera problem &reduce after-sale.  W: Turn on, 1-24 Port support AI-PoE Network self-healing mode (PoE Watchdog function), Automatic solve the camera problem &reduce after-sale.	
Fan	Non-Fan, silent working status can satisfy more users with different requirement.	
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX/FX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000base-X; IEEE802.3x.	
PoE Standard	IEEE802.3af/at	
Ethernet Port Feature	10/100Base-T(X) 10/100/1000 Base-T automatic detection, full/half Duplex MDI/MDI-X adaptive	
Fiber Port Feature	Gigabit SFP Port (Fiber module is not included, need to order separately, module options include single/multi-mode, single/dual fiber, LC)	
Fiber Port Feature	Store and Forward	
Switch Property		
Switching Capacity	10.8Gbps (non-blocking)	
Forwarding Mode	8.05Mpps	
MAC	8K	
Buffer Memory	4M	
Twisted Pair Transmission	10BASE-T: Cat5 UTP (≤300 meter) 100BASE-TX: Cat5 or later UTP (≤100 meter) 1000BASE-T: Cat5 or later UTP (≤100 meter)	

Power Supply Pin	Default 1/2(+), 3/6(-);
MAX / AVERAGE Power Per Port	30W/15.4W
Total PWR / Input Voltage	300W (100-240V)
Power Consumption	Standby:<5W; Full load:<300W

#### Physical Characteristics

LED Indicator	Power indicator: PWR (Green) Network indicator: 1-24(Link/Act)/ (Green),25-27(Link/Act)/ (Green)
Power Supply	Built in switching power supply, AC100~240V 50-60Hz 4.1A
Operation TEMP / Humidity	-20~+55° C;5%~90% RH non condensing
Storage TEMP / Humidity	-40~+75° C;5%~95% RH non condensing
Dimension	310*205*44mm
Net /Gross Weight	<2.5kg / <3kg
Installation Method	desktop type, wall mounted,19-inch 1U cabinet installation
Protection	IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge IEC61000-4-5(Lightning protection/Surge): Power:CM±4kV/DM±2kV; Port: ±6kV
Protection Level	IP30

#### Certification

Certification	CE, FCC, RoHS,
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#### Package Contents

Switch	1 pcs
Power cord	1 pcs
Hanging Ears	1 pcs
Quick installation guide	1 pcs



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