

24FE+2GE+1GF Uplink Lite Series 300M 300W Long Range PoE Switch

Model: PS12402FE-L



The PS12402FE-L is an unmanaged PoE switch with 24×10/100M PoE ports, 2× Gigabit RJ45 uplinks, and 1× Gigabit SFP port. All PoE ports support IEEE 802.3af/at up to 30W, with a total output of 300W. It auto-detects PoE devices to power APs, webcams, VoIP phones, and intercoms, ideal for hotels, campuses, factories, and SMEs.

- 24FE+2GE+1GF Uplink Lite Series 300M Long Range PoE Switch
- IEEE 802.3af/at compliant, up to 30 W per PoE port
- Internal power adapter supply 300W
- Support DIP switch to VLAN / Extend 300M / Watchdog
- Support AI network self-healing (watchdog) function
- Support desktop and wall-mounted, and rack-mount installation
- Plug and Play, no configuration requirements
- Metal case, internal power supply, excellent heat dissipation performance for long-term stable operation
- 6KV surge protection function

Interfaces

Model	PS12402FE-L
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)
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.

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)
Forwarding Mode	Store and Forward

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.
PoE Standard	IEEE802.3af/at

Switch Property

Switching Capacity	10.8Gbps (non-blocking)
Forwarding Mode	8.05Mpps
MAC address table	8K
Buffer Memory	4M
Twisted Pair Transmission	10BASE-T: Cat5 UTP (\leq 300 meter) 100BASE-TX: Cat5 or later UTP (\leq 100 meter) 1000BASE-T: Cat5 or later UTP (\leq 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	Net: <2.5kg Gross: <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



Maxsol Technologies Limited

Website

www.maxsol-tech.com

Phone

+86 19849790018

Email

sales@maxsol-tech.com

Address

Building 2, No. 3, Shangcun Industrial Zone, Tiantou Community, Shijing Subdistrict, Pingshan District, Shenzhen, China

