NETWORK SWITCH

24-Port Hi-PoE Switch with Gigabit and SFP Uplinks

Model PS12402FE

24-port Fast Ethernet PoE switch with 60W Hi-PoE support, 2 Gigabit RJ45 uplinks, 1 SFP slot, VLAN isolation, Extend mode and watchdog.

Features

- 24FE+2GE+1GF Uplink HiPoE 300M Long Range PoE Switch
- Port 21-24 supports Hi-PoE power up to 60W fit IEEE 802.3bt compliant PDs
- Support VLAN
- Support port priority
- Supports smart watchdog function to monitor compliant PD
- Port 1-20 supports PoE 30W fit IEEE 802.3af/at compliant PDs
- Internal power adapter supply 300W (included)

Specification

MAXSOL United Kingdom

Interfaces

Model	PS12402FE
Fixed Port	24*10/100Base-T/TX PoE ports (Data/Power) 2*10/100/1000Base-T/TX Uplink RJ45 ports (Data) 1*100/1000Base-X uplink SFP fiber slot (Data)

PoE

PoE Port	Ports 1–20: IEEE802.3af/at; ports 21–24: IEEE802.3bt, up to 60W
PoE Standard	PoE Ports support @IEEE802.3af/at/bt
DIP Switch 3-Mode Function	E – Extend Mode: AI Extend 300meters transmission and auto speed change of single port (limit 10Mbps), other ports maintain 100M within 100 meters; V – VLAN Mode: Isolates each PoE port from one another while allowing communication with the uplink port, improving network security and reducing broadcast traffic. W – Watchdog Mode: Automatically detects unresponsive IP cameras and restarts their PoE power supply to restore normal operation, minimizing downtime and maintenance costs.
Network Protocol	IEEE802.3 10Base-T;IEEE802.3i 10Base-T;IEEE802.3u 100Base-TX; 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 .
Forwarding Mode	Store and Forward

Switch Property

Switching Capacity	10.8Gbps
Forwarding Rate	8.04Mpps
MAC Address Table	2K
Buffer Memory	2M
Jumbo Frame	1512 byte
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	AF/AT:1/2(+),3/6(-);Hi PoE:1/2(+),3/6(-),4/5(+),7/8(-)
MAX / AVERAGE Power Per Port	Port 1-20: 30W/15.4W; Port 21-24: 60W/30W/15.4W.
Power Budget	300W
Power Consumption	Standby:<5W; Full load:<300W

Physical Characteristics

LED Indicator	Power indicator: PWR (Green); Network indicator:1-27(Link/Act)/(Green).
Power Supply	Build-in power supply AC100~240V 50-60Hz.
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*45mm
Net /Gross Weight	<3kg / <4kg
Installation Method	desktop type, wall mounted,1U rack mount.
Protection	IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge; IEC61000-4-5(Lightning protection/Surge): Power:CM±4kV/DM±2kV; Port: ±4kV.
Protection level	IP30

Package Contents

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

MAXSOL
United Kingdom

Contact us

Maxsol United Kingdom

Email

sales@maxsol-tech.com