

48-Port PoE Switch

LanPOE

Model:
48P-GPOE-600W

Type:
Ethernet Switch 48x10/100/1000Base-T



Overview

Introducing the 48-Port PoE switch, a networking marvel featuring 48 x 10/100/1000M adaptive PoE copper ports and 2 SFP Gigabit uplink ports. The first four ports deliver up to 90W PoE++, compatible with IEEE 802.3af/at/bt, while Ports 5-48 provide robust 30W support. With auto-flip and wire-speed forwarding on each RJ45 port, coupled with a 128Gbps bandwidth, this switch ensures stable power and data transmission for high-powered devices like APs and cameras. It stands as a crucial element in building a secure, reliable, and high-performance network.

Features

- Built in redundant dual power supply
- IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE802.3z
- Support port auto flip (Auto MDI/MDIX)
- Automatically supplied to adaptive devices
- Indicator monitoring status and failure analysis
- Flow control mode full-duplex with IEEE 802.3x, and half-duplex adopts back pressure standard
- Port 1-4 supports IEEE802.3af/at/bt, max PoE++ 90W
- Port 5-48 supports IEEE802.3af/at, max 30W/port

Typical Application

With simple and convenient installation and maintenance methods and rich business features, it helps users to build a safe and reliable high-performance network. It can be widely used in Ethernet access scenarios such as small and medium-sized enterprises, Internet cafes, hotels, and schools.

Metro Optical Broadband Network

- Data network operators such as telecommunications, cable TV, and network system integration, etc.

Broadband private network

- Suitable for financial, government, oil, railway, electric power, public security, transportation, education and other industries

Multimedia transmission

- Integrated transmission of images, voice and data, suitable for remote teaching, conference TV, videophone and other applications

Real-time monitoring

- Simultaneous transmission of real-time control signals, images and data

Specifications

Power interface

- AC100-240V
- 50/60Hz
- Built-in redundant dual

Fixed port

- 2*1000M SFP
- 48*10/100/1000 Base-T PoE
- Port 1-4 supports IEEE802.3af/at/bt, max PoE++ 90W PoE ou
- Port 5-48 supports IEEE802.3af/at, max 30W/port PoE out

Bandwidth

- 128Gbps

Package Forward

- 74.40Mbps

MAC Address

- 8K

Buffer

- 4.1M

Transmission Distance

- IOBASE-T: Cat3,4,5 UTP (QSO meter)
- IOBASE-TX: Cat5 or later UTP (150 meter)
- IOBASE-TX: Cat6 or later UTP (150 meter)
- SFP: 1000M single and multi-mode optical module
- Maximum distance:s;120km (depending on the optical module)

PoE Pin

- IEEE802.3af/at: 12+ 36-
- IEEE802.3af/at/bt: 12+ 45+ 36- 78-

LED Indicators

- PWR: Power LED
- 1~48: PoE work indicator
- 49~50: SFP LED
- Port: Orange=PoE LED
Green=LAN Link LED

Power Consumption

- Non-PoE<35W
- PoE <600W

Specifications

Operating Temperature & Humidity

- -10~+55° C;
- 5%~90% RH (Non-condensation)

Storage Temperature & Humidity

- -40~+75° C
- 5%~95% RH (Non-condensation)

Product size (L *W*H)

- 440mm*290mm*45mm

Packing size (L *W*H)

- 515mm*375mm*95mm

N.W/G.W (kg)

- 4.4kg/5.2kg

Installation

- Rack-mount

Lightning Proof

- 6KV 8/20us

Protection Level

- IP30

Security Certificate

- CE, FCC, RoHS

Have a question?

For troubleshooting LanPoE Smart Networking Products, please reach out to our support team and provide detailed information for assistance.

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