VALUE Gigabit Ethernet Switch

8x2.5GbE PoE+1x10GbE SFP+

21.99.1189

Product Introduction

21.99.1189 is an 8-port 2.5G 10 Gigabit uplink AI PoE switch that provides 8 2.5G downlink RJ45 POE ports and 1 uplink 10G SFP+port. Built in power supply, with a total POE power of 150W. 1-4 ports support IEEE 802.3bt, with a maximum PoE power supply of 90W for a single port, IEEE 802.3at for 5-8 ports, and a maximum PoE power supply of 30W for a single port. At the same time, this product supports intelligent functions such as AI VLAN, AI Extend, AI PoE, and AI QoS. It has the characteristics of simplicity, ease of use, intelligence, and high cost-effectiveness. It can be used as an access layer switch to access wireless APs, PCs, servers, and cameras, allowing users to experience the smooth flow of high-speed networks.

Main Features

Port 6KV lightning protection

• All ports support 6KV lightning protection, as well as multiple protection features such as power over temperature protection, overvoltage
protection, and surge current protection.

Switching Performance

• Non blocking switching architecture, all ports support wire speed
forwarding.
• Provides two 10/100M RJ45 uplink simultaneously.
• Supports IEEE 802.3x full dual and half dual backpressure flow control.
• Supports port automatic flipping (Auto MDI/MDIX).

AI intelligent buttons

• AI Extend: 1-8 ports support 250 meters of long-distance power supply
(it is recommended to use network cables above Category 5);
• AI VLAN: Isolating 1-8 ports from each other can effectively suppress
network storms and improve network performance;
• AI QoS: prioritize the processing of identified video data to ensure
smoother video transmission;
• AI PoE: Automatically detects the power receiving port, detects a dead
device, and restarts the device after a power outage;

PoE characteristics

• IEEE802.3bt:1-4 port，MAX 90W • IEEE802.3at:5-8 port，MAX 30W

• Supports PoE short circuit protection, overcurrent protection, over temperature protection, etc.

• Supports AI PoE, restart dead devices.

Ease of Use

• Plug and play, no configuration required, simple and convenient to use.

• Zero configuration feature, power is automatically supplied to adaptive devices.

Specification:

Networking Ports	• 8*2.5G/1Gbps POE RJ45 ports (port1-port8) • 1*10Gbps SFP+(uplink port)
Networking Standards	• IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt
Performance	• Bandwith：60Gbps • Packets Forwarding Rate：44.6Mpps • MAC table size: 4K • Forwarding type: Store and Forward
LED	• Power Indicator：green • PoE Indicator：green • LINK/ACT Indicator：yellow, green
PoE	• 1-2Port： 1/2/4/5(+)，3/6/7/8(-) • 3-8Port： 1/2(+)，3/6(-)
POWER	• Max PoE power：1-4th ports max 90W; 5-8th ports max 30W • Maximum power of power supply：150W
Dimensions	• W*D*H：282mm*180mm*44mm
Evironment	• Working Temperature：0° - 40°C • Storage Temperature：-40℃ - 70℃ • Working Humidity: 10% - 90% RH non-condensing • Storage Humidity: 5% - 90% RH non-condensing
Safty Compliance	• CE/ROHS