# POE-SW8P-2G-96

**WINIC**

## 10-Port 100M Digital Display PoE Switch

POE-SW8P-2G-96 is a 10-port 100M digital PoE switch independently developed by acorid Communication, providing 10* 10/100M adaptive RJ45 ports. Each RJ45 port supports MDI/MDIX auto flip and wire-speed forwarding functions. The downstream ports all support the IEEE802.3af/at standard PoE power supply function, can automatically detect and identify the power receiving equipment that meets the standard, and supply power to it through the network cable.

The device supports digital display of power to prevent overload of usage. The device is plug and play, no configuration is required, and it is simple and convenient to use. It can be used in the access layer of security monitoring, hotels, campuses, factory dormitories and wireless coverage of small and medium-sized enterprises.

## Product model and appearance



POE-SW8P-2G-96

- 8*10/100M RJ45 Adaptive RJ45 port (PoE power supply)
- 2*100M RJ45 Uplink port
- Backplane Bandwidth : 2Gbps
- Packet Forwarding Rate : 1.488Mpps
- Support smart PoE power supply and PoE power digital tube display
- Support one-key Switch, VLAN, Extend

## Features

- Large buffer design, high-definition video does not freeze
- Support IEEE 802.3x full-duplex flow control and Backpressure half-duplex flow
- Each RJ45 port supports MDI/MDIX auto flip and wire-speed forwarding functions

## Operating Mode

- Provides three exchange modes.
- Standard mode: All ports can communicate freely after opening. Suitable for ordinary data transmission environment
- VLAN mode: After opening, all downstream ports cannot communicate with each other, which can isolate broadcast storms and prevent ARP viruses
- Extend mode: After opening, the rate of all downlink ports becomes 10M, and the transmission distance can reach 250m.

## PoE Power Supply Capability

- Support IEEE 802.3af/at PoE power supply standard
- The maximum output power of a single port can reach 30W
- SmartLink power management, StepLink step-by-step start function to escort the safe and stable operation of Kedi PoE switches;
- Automatic detection and identification of standard PoE power receiving equipment, intelligent power supply, will not burn non-standard PoE power receiving equipment or ordinary equipment
- The PoE port supports a priority mechanism, when the remaining power is insufficient, the power supply of the high-priority port is guaranteed first

## Product Reliability

- The host has a low power consumption design and natural heat dissipation to ensure stable operation of the product.
- High redundancy design, providing long-term stable PoE power output.
- 0~45℃ working temperature improves product stability in a wide temperature environment

## Easy To Use

- Plug and play, no need to configure, simple and convenient
- Users can easily understand the working status of the equipment through the power indicator (Power), port status indicator (Link/Act), and digital tube power display

## Physical Characteristics

| Model | POE-SW8P-2G-96 |
|---|---|
| Downlink Ports | 8*10/100M RJ45 ports |
| Uplink Port | 2*100M RJ45 Uplink ports |
| PoE Standard Power Supply | IEEE 802.3at、IEEE 802.3af |
| Total Power Supply | 96W |
| LED Indicator | Link / Act |
| Transmission Mode | IEEE802.3 full duplex flow control and backpressure half duplex flow control |
| Backplane Bandwidth | 2Gbps |
| Packet Forwarding Rate | 1.488Mpps |
| MAC Address | 2K |

| | |
|---|---|
| Standard Protocol | IEEE802.3i 10 BASE-T |
| | IEEE802.3u 100 BASE-TX |
| | IEEE802.3x Flow Control |
| | IEEE802.3af Power over Ethernet |
| | IEEE802.3at Power over Ethernet |
| | IEEE802.3az EEE |
| Power Supply | AC 100~240V 50/60HZ |
| Size | 200*118*44 |
| Environmental Specification | Working Temperature: 0℃～45℃ , Humidity: 10% ~ 90% |
| | Storage Temperature: - 20℃～70℃, Humidity: 5% ~ 95% |

## Product Description

| | |
|---|---|
| POE-SW8P-2G-96 | 8*10/100M Auto-negotiation RJ45 port + 2*100M Uplink ports |