

NSH-1408P

Unmanaged Gigabit Ethernet PoE Switch

8-port PoE with 4-port PoE plus



Introduction

This device is a powerful, high-performance Gigabit Ethernet switch, with all 8 ports capable of 10, 100 or 1000Mbps auto-negotiation operation which means the switch could automatically negotiate with the connected partners on the network speed and duplex mode. It is ideal for micro-segmenting large networks into smaller, connected subnets for improved performance, enabling the bandwidth demanding multimedia and imaging applications. Moreover, the 10/100/1000Mbps auto-sensing ability provides an easy way to migrate 10Mbps to 100Mbps, or 1000Mbps network with no hassle.

This switch supports 802.3af/at PoE, which supplies power for connected devices via Cat5 and above twisted cables. By integrating the data transmitting cable and power cord, it eliminates the effort constricting your network. You could easily connect a Wireless AP or a VoIP phone to this switch without the need for extra outlet. Over current protection and circuit shorting protection are also supported to ensure the safety.

The switch is plug-and-play without configuration and is fully compliant with all kinds of network protocols. Finally, the rich diagnostic LEDs on the front-panel provide the operating status of individual ports as well as whole system.

Key Features

- Complies with 10BASE-T specifications of the IEEE802.3 standard
- Complies with 100BASE-TX specifications of the IEEE802.3u standard
- Complies with 1000BASE-T specifications of the IEEE802.3ab standard
- Complies with Flow Control and Back-pressure of the IEEE802.3x standard
- Compliant with IEEE 802.3af/at PoE standard
- Supports IEEE802.1p Class of Service
- Provides 8 PoE ports with classification identify
- Supports over current protection and circuit shorting protection
- 8 RJ-45 ports for 10/100/1000BASE-T connectivity
- Supports MDI/MDI-X auto crossover
- Wire-speed packet filtering and forwarding rate
- Store-and-forward architecture filters fragment & CRC error packets
- Supports loop detection
- Supports 8K MAC entries
- Supports extensive LED indicators for network diagnostics
- Internal universal switching power supply
- EMC: FCC Class B, CE, VCCI Class B
- Safety: EN60950-1

Product Specifications

Standards	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x, IEEE 802.3af, IEEE 802.3at
Interface	8-port 10/100/1000Mbps PoE with port 1-4 support PoE+
NWay Protocol and 1000Mbps Auto-Negotiation	10/100Mbps: Full/Half duplex 1000Mbps: Full duplex only
Emission	FCC Class B, CE, VCCI class B
Rich LED indicators	System: Power (Green) Port: Link/Act (Green) PoE/PoE+: PoE (Green) Loop Detection: Loop (Red)
Operating Temperature	0°- 40°C (32°- 104°F)
Operating Humidity	10% ~ 90% (non-condensing)
Dimension	266 mm (W) x 185mm (D) x 44 mm (H)
Power Supply	100~240VAC, 50/60Hz with Power On/Off Switch
Safety	EN 60950-1
Power Budget	Full load 131.0W