



# FSP8108-4

## 4+4 10/100 PoE Switch



The device is a powerful, high-performance Fast Ethernet switch, with all 8 ports capable of 10 or 100Mbps auto-negotiation operation (NWay) 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 10/100Mbps auto-sensing ability provides an easy way to migrate 10Mbps to 100Mbps network with no pain.

This switch supports PoE, which supplies power for connected devices via CAT 5 and above twisted cables. By integrating the data transmitting cable and power cord, it eliminates the effort constructing your network. You could easily connect a Wireless AP or a VoIP phone to this switch without looking outlets for them. Over current protection and circuit shorting protection are also supported to ensure the safety. The switch is plug-and-play without any software to configure and also fully compliant with all kinds of network protocols. Moreover, the rich diagnostic LEDs on the front-panel provide the operating status of individual port and whole system.

### KEY FEATURES

- ◆ Complies with 10BASE-T specifications of the IEEE802.3 standard
- ◆ Complies with 100BASE-TX specifications of the IEEE802.3u standard
- ◆ Compliant with IEEE 802.3af PoE standard (DTE power via MDI)
- ◆ Provides 4 PoE ports with classification identify
- ◆ Supports 15.4W maximum per PoE port
- ◆ Supports over current protection and circuit shorting protection
- ◆ 8 \* RJ-45 ports for 100BASE-TX and 10BASE-T connectivity
- ◆ Supports NWay protocol for speed (10/100Mbps) and duplex mode (Half/Full) auto-detection
- ◆ Supports MDI/MDI-X auto crossover
- ◆ Wire-speed packet filtering and forwarding rate
- ◆ Store-and-forward architecture filters fragment & CRC error packets
- ◆ Supports 1K MAC entries
- ◆ 768K Bits buffer memory
- ◆ Supports extensive LED indicators for network diagnostics
- ◆ Internal universal switching power supply
- ◆ FCC Class A, CE, VCCI Class A

### PRODUCT SPECIFICATIONS

<b>Standard</b>	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE 802.3afstandards
<b>Interface</b>	8 * 10/100Mbps RJ-45 NWay ports
<b>NWay Protocol Support</b>	Network speed: 10Mbps and 100Mbps Duplex mode: Full and Half
<b>Buffer Memory</b>	768K Bits for the whole system
<b>Filtering/Forwarding Rate</b>	10Mbps: 14,880pps/14,880pps; 100Mbps: 148,800pps/148,800pps
<b>Emission</b>	FCC Class A, CE, VCCI class A
<b>Rich LED indicators</b>	System: Power (Green); Port: Link/Act (Green), PoE Act (Green)
<b>Operating Temperature</b>	0°- 40°C (32°- 104°F)
<b>Operating Humidity</b>	10% ~ 90% (non-condensing)
<b>Dimension</b>	262 x 184 x 41 mm
<b>Power Supply</b>	48V 1.35A (100 ~ 240VAC, 47~63 Hz)
<b>EAN</b>	4016621006907