



## Key Feature

- Full port supports 6KV lightning protection
- Supports power supply over-temperature, over-voltage and Inrush current protection
- Provides 2 port gigabit RJ45 and 1 port gigabit multiplexed SFP
- Supports IEEE 802.3x full-duplex and half-duplex backpressure flow control
- Supports Auto-flipping of uplink ports (Auto MDI/MDIX)
- AI smart buttons
- Complies with IEEE802.3af/at standards, with a maximum PoE power of 30W per port
- Support PoE short circuit, overcurrent, over temperature protection
- Support AI PoE, restart dead devices
- Ease of use (Plug and play / Zero configuration feature)

## Specification

<b>Network Interface</b>	<ul style="list-style-type: none"> <li>• 16 RJ45 ports with 10/100Mbps PoE function (Port 1~Port 16)</li> <li>• AI Smart Button: <ul style="list-style-type: none"> <li>AI Extended: port 1-8</li> <li>AI VLAN, AI QOS, AI POE: port 1-16</li> </ul> </li> <li>• Two 10/100/1000Mbps non-PoE function RJ45 ports (Port 17~Port 18)</li> <li>• 1 Gigabit SFP fiber port (multiplexed)</li> <li>• Port no.17 and SFP is combo port means that can only used either port no.17 or SFP When you connect an optical module, it acts as an SFP port When you connect the network cable, it is the RJ45 port</li> </ul>
<b>Network protocol</b>	<ul style="list-style-type: none"> <li>• IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z, IEEE 802.3ab, IEEE 802.3af, IEEE 802.3at</li> </ul>
<b>Performance Specifications</b>	<ul style="list-style-type: none"> <li>• Backplane Bandwidth: 7.2Gbps (non-blocking)</li> <li>• Packet forwarding rate: 5.4Mpps</li> <li>• MAC address table: 8K</li> <li>• Forwarding mode: store and forward</li> </ul>
<b>LED Indicator</b>	<ul style="list-style-type: none"> <li>• Power indicator: 1</li> <li>• LINK/ACT indicator: 18</li> <li>• PoE indicator: 16</li> </ul>
<b>PoE foot position</b>	<ul style="list-style-type: none"> <li>• 1/2(+), 3/6(-)</li> </ul>
<b>Power support</b>	<ul style="list-style-type: none"> <li>• Single port maximum output power: 30W</li> <li>• The maximum power of the whole machine: 150W</li> </ul>
<b>Physical Specifications</b>	<ul style="list-style-type: none"> <li>• Dimensions (LxWxH): 285mm*180mm*44mm</li> </ul>

<b>Environmental Specifications</b>	<ul style="list-style-type: none"> <li>• Operating temperature: 0°C~40°C</li> <li>• Storage temperature: -40°C ~ 70°C</li> <li>• Working humidity: 10%~ 90% RH without condensation</li> <li>• Storage humidity: 5%~90% RH without condensation</li> </ul>
<b>Safety regulations</b>	<ul style="list-style-type: none"> <li>• CE/ROHS/FCC/CCC</li> </ul>

## SFP Specification Table

Product Highlights	Introduction
<ol style="list-style-type: none"> <li>1. The highest speed supports 1.25G;</li> <li>2. The longest distance supports 500 meters;</li> <li>3. Multimode optical fiber;</li> <li>4. LC interface;</li> <li>5. The center wavelength is 850nm;</li> </ol>	Gigabit SFP multimode (500m, 850nm, LC, DDM)
<ol style="list-style-type: none"> <li>1. The highest speed supports 1.25G;</li> <li>2. The longest distance is 10km;</li> <li>3. Single-mode optical fiber;</li> <li>4. LC interface;</li> <li>5. The central wavelength is 1310nm;</li> </ol>	Gigabit SFP singlemode (10Km, 1310nm, LC, DDM)