



# BC-POE24PFEUG-250W

24 Port 10/100Mbps PoE Switch

2 Gigabit Uplink, 1 SFP port

## Features

### Port 6KV lightning protection

- All ports support 6KV lightning protection, support power supply over temperature protection, over-voltage protection, surge current protection and other protection features.

### Switching feature

- Non-blocking switching architecture, all ports support wire-speed forwarding.
- Provide 2 gigabit RJ45 ports and 1 multiplexed gigabit SFP port at the same time.
- Supports IEEE 802.3x full-duplex flow control and half-duplex back-pressure flow control.
- Supports auto-flipping of upstream ports (Auto MDI/MDIX)

### AI DIP Switch

- AI Extend: 1-8 ports support 250 meters long-distance power supply (recommended to use super five or more network cables)
- AI VLAN: Isolate ports 1-24 from each other, which can effectively suppress network storms and improve network performance
- AI QoS: Prioritize the identified video data to make video transmission smoother
- AI PoE: Automatically detect the power receiving port, find a dead device, and restart the device after power off

### PoE features

- Compliant with the IEEE802.3af&at standard, the maximum PoE power of a single port is 30W.
- Support PoE short circuit protection, over current protection, over temperature protection, etc.
- Support AI PoE, restart dead device

### Ease of use

- Plug and play, no configuration required, easy to use.
- Zero configuration feature, power is automatically supplied to adaptive devices.

# Specifications

<b>Network interface</b>	<ul style="list-style-type: none"><li>• 24 10/100Mbps RJ45 PoE ports, of which 17-24 ports can support 100M ultra-long distance, 500 meters away from transmission (used with long-distance splitter)</li><li>• 2 10/100/1000Mbps RJ45 ports</li><li>• 1 Gigabit SFP Combo port</li></ul>
<b>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: 8.8Gbps (non-blocking)</li><li>• Packet forwarding rate: 6.5Mpps</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>• 26 Link/Act indicators</li><li>• 24 PoE indicators</li><li>• 1 Power light</li></ul>
<b>PoE Pin</b>	<ul style="list-style-type: none"><li>• 1/2(+) , 3/6(-)</li></ul>
<b>Power Supply</b>	<ul style="list-style-type: none"><li>• Single port maximum output power: 30W</li><li>• The maximum power of the whole machine: 250W</li></ul>
<b>Size</b>	<ul style="list-style-type: none"><li>• ( LxWxH ) : 440mm*180mm*44mm</li></ul>
<b>Environmental Specifications</b>	<ul style="list-style-type: none"><li>• Working 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 standard</b>	<ul style="list-style-type: none"><li>• CE/ROHS/FCC/CCC</li></ul>

