



52 ports L3 Managed PoE Switch BC3048PGM4T-700W series

❖ Overview

BC3048PGM4T-700W is Layer 3 management switches are designed for small and medium enterprises (SMEs), large enterprises and Internet service providers (ISPs). They have high performance, flexibility, fault tolerance and advanced software capabilities to maximize commercial value. The BC3048PGM4T-700W switch features 48 gigabit Ethernet RJ45 ports and 10 Gb SFP + ports, advanced security features and advanced quality of service (QoS), can be used as a core, distributed or access layer switch, has high port density, switch stack and manageability, and is an ideal choice for a variety of commercial network applications.

❖ Picture



❖ Features

- 48 Full Gigabit RJ45 POE network ports, and 4*10 Gigabit SFP+ fiber ports, breaking the traditional 1 megabit limit, data transmission will no stuck
- The maximum PoE power of single port is 46W, POE Budget 700W;
- Provides three modes of Extend, Default and VLAN to adapt to various complex environments;
- It supports the PoE auto-check function, which is specially designed to solve the problems of equipment frozen. It can automatically detect the frozen PD equipment and restart the ports' output of PSE, and restart the PD device. It greatly reduces the maintenance difficulty of engineering.
- Supports the PoE usage rate indication, which is convenient to show the consumption of PoE power.
- 6KV surge protection, 6KV/8KV ESD protection;
- Supports wall hanging and desktop installation.
- Support DHCP server, DHCP relay, DHCP Snooping



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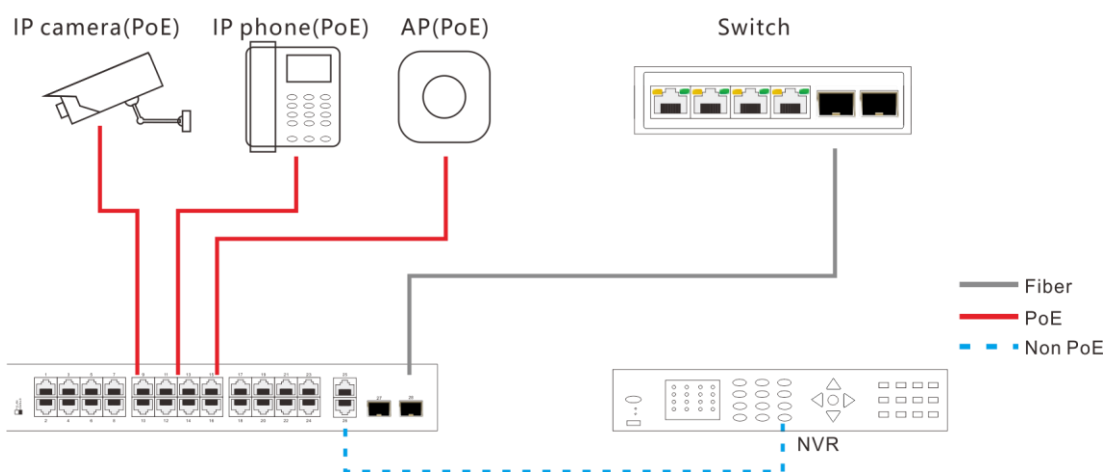
❖ Specifications

| Parameter | Specifications |
|---------------------|--|
| Power supply | AC power supply |
| Range of voltage | AC100-240V, 50/60Hz |
| Consumption | Self-consumption<60W, PoE output : 700W |
| Downlink ports | Ports 1~48 10/100/1000Base-TX 46W PoE RJ45(IEEE 802.3af/at) |
| Uplink ports | 49-52 ports: 10/100/1000/10000 SFP |
| PoE ports | Ports 1~48 support IEEE802.3af/at, end-span, 46W per port Max. |
| PoE Auto-check | If detect the frozen PD device, restart it |
| Working mode | Extend mode: ports 1 ~48 Extend up to 250m; 1 ~ 48 ports are isolated from each other and can only communicate with the uplink ports; restrain the network storm; turn off the flow control. Default mode: normal switch mode. VLAN mode: ports 1 ~48 are isolated from each other and can only communicate with the Uplink port; restrain the network storm; turn off the flow control. |
| 1~48 PoE ports | Support IEEE 802.3af/at, end-span, single port \leq 46W |
| Cable and distance | Use cat5e/6,250m max,(Transmitting rate will reduce to 10Mbps when reach 250m) |
| Standard | IEEE802.3, IEEE802.3u, IEEE802.3z;IEEE802.3i;IEEE802.3ab;IEEE802.3ad;IEEE802.3;IEEE802.3x;IEEE802.3p;IEEE802.3q;IEEE802.3d;IEEE802.3s;IEEE802.3w;IEEE802.3x;G.8032 |
| Switch fabric | 176Gbps |
| Through put | 131Mbps |
| Buffer | 4.1M |
| MAC address table | 16K |
| Indicator | PWR Indicator light; Link Indicator light; SYS Indicator light; 10G Indicator light. |
| Protection | Surge: 6KV |
| Working temperature | -10℃~50℃ |
| Storage temperature | -40℃~85℃ |
| Humidity | 0~95%(No condensation) |
| Dimension(L×W×H) | 440mm×365mm×44mm |
| Material | Metal |
| Color | Black |
| Net-weight | 4.5kg |
| Power redundancy | Dual power |



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❖ Application



❖ Dimensions



❖ Order information

| Model | Description |
|-----------------------------|--|
| BC3048PGM4T-700 W series | 52-port L3 Managed Gigabit Ethernet POE Switch, 48 Outputs 10/100/1000Mbps Ethernet port + 4*10G SFP ports, 700 Watts |

BORN ELECTRONICS LIMITED

ADDRESS:

#337
Forest Road,
London
United Kingdom
Phone: +44 7859 571344
Email: info@bornelectronics.com

WARRANTY:

2 YEARS (EXPANDABLE UPTO 5 YEARS)

WEBSITE: <http://bornelectronics.com/>