



Fast Ethernet PoE Switch

BC208PE2E series

❖ Overview

BC208PE2E is a 10-port PoE unmanaged switch that supports up to 8*10/100M PoE ports and 2*10/100M port. 8*10/100M ports support PoE+, conforming to IEEE 802.3af/at standard, single port PoE power up to 30W, the maximum whole machine power is 96W.

BC208PE2E provides three modes, Extend, Default and VLAN, to adapt to various complex environments. At the same time, it supports the PoE auto-check function, which is specially designed to solve the problem of equipment frozen and restart the frozen equipment automatically, which greatly reduces the difficulty of project maintenance. BC208PE2E has a high anti-interference ability, the product supports 6KV surge protection, and 6KV/8KV ESD protection.

BC208PE2E supports wall hanging and desktop installation, reliable and durable, and can be used in security network video monitoring, network engineering and other occasions.

❖ Picture



❖ Features

- ❖ With 8*10/100M PoE downlink ports and 2*10/100M uplink ports;
- ❖ The maximum PoE power of single port is 30W, and the maximum PoE power of the whole machine is 96W;
- ❖ 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;
- ❖ 6KV surge protection, 6KV/8KV ESD protection.



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❖ Specifications

Parameter	Specifications
Power supply	Powered by power adaptor
Range of voltage	DC 48~57V
Consumption	Self-consumption<5W.
Downlink ports	Ports 1~8 10/100Base-TX 30W PoE RJ45(IEEE 802.3af/at)
Uplink ports	Ports 9~10 10/100Base-T RJ45
PoE ports	Ports 1~8 support IEEE802.3af/at, end-span, 30W per port Max.
PoE Auto-check	If detect the frozen PD device, restart it
Working mode	Extend mode: ports 1 ~ 8 Extend up to 250m; 1 ~ 8 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 ~ 8 are isolated from each other and can only communicate with the uplink port; restrain the network storm; turn off the flow control.
1~8 PoE ports	Support IEEE 802.3af/at, end-span, single port \leq 30W
Cable and distance	Use cat5e/6, 100m max.(Extend mode max.250m)
Standard	IEEE802.3, IEEE802.3u, IEEE802.3z
Switch fabric	1.8Gbps
Though put	1.34Mpps
Buffer	1.25M
MAC address table	16K
Indicator	Power: 1 *red ; Uplink9~10: On RJ45 yellow and green LEDs indicate Link/Act Downlink 1~8: On RJ45green LEDs indicate Link/Act, yellow LEDs indicate PoE
Protection	Surge: 6KV, standard: IEC61000-4-5 ESD: 6KV: contact 8KV: air, standard:IEC61000-4-2
Working temperature	-10°C~50°C
Storage temperature	-40°C~85°C
Humidity	0~95%(No condensation)
Dimension(L×W×H)	200mm×95mm×30mm
Material	Metal
Color	Black
Net-weight	500g



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❖ Order information

Model	Description
BC208PE2E	8*10/100 PoE RJ45 ports, 2*10/100 RJ45 ports. Extend, Default, VLAN working mode. PoE auto-check. 96W power adaptor.

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/>