

## BC5008G-8POE-150W-P(220VAC)



### Ordering information

Model	Descriptions
BC5008G-8POE-150W-P(220VAC)	8 port 10/100/1000M PoE Switch (Managed 150W)

### Product Descriptions

#### Introduction:

BC5008G-8POE-150W-P (220VAC) is Full gigabit ,8-port Gigabit high power (IEEE 802.3at) PoE Switches, utilizing a compact factor which can be mounted in a 19-inch rack with rack-mounting kits or placed on desktop. With data and power supported by one unit, the

BC5008G-8POE-150W-P (220VAC) shall reduce cables and eliminate the need for dedicated electrical outlets on the wall, ceiling or any unreachable place. Auto PoE detection and Plug and play installation makes BC5008G-8POE-150W-P (220VAC) Gigabit PoE Switch easy to use and with clear LED indicators to tell the working condition.

#### Features:

- Compatible with both IEEE802.3at(30W) and IEEE802.3af (15.4W)
- Automatically detect and supply power to IEEE802.3at and IEEE 802.3af compliant powered devices (PDs)
- Advanced SAFC function, only supply power to IEEE 802.3af/at compliant PDs, no worry about damaging other private standard POE devices or devices without POE function
- Support port power supply prioritization, guarantee the continuous power supply of key nodes
- Up to 100m network cable transmitting distance
- Built-in PSE power supply module, plug-and play design, easy to install
- High security performance defending against power surge
- Support short-circuit protection function
- Energy-saving green design, support auto-switch to standby mode and auto-detect cable length.
- Support simple WEB management, easy to configure the functions of switches

#### Physic Medium

10/100Base-TX: UTP category 3/4/5 cables (Maximum 100m)  
1000Base-T: UTP Category 5 cable (Maximum 100m)  
Network Cable Deployment: Support Auto-MDIX function, automatically identify straight forward cable and cross-over cable

Negotiation Pattern: Support port auto-negotiation function (automatically negotiate transmission rate and Duplex modes)

Maintenance: Detect the connectivity of network cables, Uploading or downloading of the configuration data, Uploading of upgrade patch, WEB-based reset to factory defaults, Support port short-circuit reset to factory defaults

Management: Support WEB-based management

#### Indicator light

Interface light: Link/Act, POE Status  
Power light: PWR

#### Power

Input Power Supply: 90~264VAC/50~60Hz/150W  
Energy Saving: Comply with "EEE" Energy Efficient Ethernet

#### Working Environment

Working Temperature: -20~50°C  
Storage Temperature: -40~70°C  
Operation Humidity: 10%~90%(non-condensing)  
Storage Humidity: 5%~95%(non-condensing)

#### Mechanical Properties

Weight: <1.5Kg  
Dimensions (LxWxH): 280x180x44mm

## 05 POE Switch

### Product Standard

#### Specification:

##### Technology

Standard and Protocols: IEEE 802.3af, Power Over Ethernet, IEEE 802.3at, Power Over Ethernet Plus IEEE 802.3u, 100BASE-TX, IEEE 802.3ab, 1000BASE-T, IEEE 802.3z, 1000 BASE-X, IEEE 802.3ad, Static or Dynamic Link Aggregation, IEEE 802.3x, Full-Duplex Flow Control, IEEE 802.3az, EEE (Energy Efficient Ethernet), IEEE 802.1q, VLAN, IEEE 802.1p, QoS/CoS, IEEE 802.1d, STP (Spanning Tree Protocol), IEEE 802.1w, RSTP(Rapid Spanning Tree Protocol)

POE Standard: IEEE802.3af/at

Port Flow control: Back-pressure traffic control under Half-Duplex mode, IEEE 802.3x traffic control under Full-Duplex mode

#### Ports

Fixed ports: 8\*10/100/1000M PoE Ports  
PoE Pin-out: 1/2(+), 3/6(-); Customized 4/5(+),7/8(-)

Exchange Properties:

100M forwarding rate: 1488095pps

100M forwarding rate: 148809pps

10M forwarding rate: 14880pps

Transmit type: Full wire-speed storage and forwarding

MAC address: 8K, Support auto-update, two-way learning

VLAN: Support up to 4096 VLANs, Port-based VLANs, VLANs based on IEEE 802.1q

Switching Capacity: ≥16Gbps

Spanning Tree: Spanning Tree Protocol  
Rapid Spanning Tree Protocol (RSTP)

Link Aggregation: Support 2 aggregation groups, and a maximum of 4 ports in each aggregation group

Port Mirroring: Support bi-direction port mirroring

Ring Protection: Support Ring Protection, provide real-time detecting, quick alarm, precise localization, smart blocking and auto-recovery

Port Isolation: Isolation between downlink ports without influence the communication between downlink and uplink ports

Port Flow Control: Back-pressure traffic control under Half-Duplex mode, IEEE 802.3x traffic control under Full-Duplex mode

Port Rate Restriction: Port-based ingress or egress rate limiting

Jumbo Frame: Maximum support 9216Byte

Multicast Control: Support IGMP Snooping

Storm Suppression: Support the suppression of broadcast storm based on forwarding rate

Security: Port-base MAC address binding, Security restriction on port-based MAC address quantity

QOS: SP (Strict Priority), WFQ (Weighted Fair Queuing), WRR (Weighted Round Robin), 802.1p (Port Queuing Priority), Differentiated Service Code Point (DSCP Priority)

PoE output priority Management: Supported

#### Standards

FCC, CE, RoHS, IAF, CNB and ISO9001