

# BC2108PG1GF-110W Series 10-port Full Gigabit PoE Switch



## Ideal for:



Telecom



Hotels & Resorts



Universities



Healthcare



Public Places



Airport



Transport



Industries

## OVERVIEW

The BC2108PG1GF-110W is a full gigabit unmanaged PoE fiber switch. It has 9\*10/100/1000M RJ45 ports and 1\*1000M SFP slot port. Port 1-8 can support IEEE802.3af/at standard PoE power supply. single port PoE power reaches 30W, and the maximum PoE output power is 110W. As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable.

It can supply power to POE terminal equipment such as wireless AP, webcam, VoIP, visual intelligent building intercom through network cable, and meet the network environment that needs high-density PoE power supply. It is suitable for hotel, campus, factory dormitory and small and medium-sized enterprises. Unmanaged model, plug and play, no configuration, easy to use.

## FEATURES

### 1. Full gigabit access, gigabit (TP/SFP) port uplink

- All series supports "gigabit Ethernet port and gigabit SFP fiber port" combination, which enables users to flexibly build networking to meet the needs of various scenarios.
- Support non-blocking wire-speed forwarding.
- Support full-duplex based on IEEE802.3x and half-duplex based on backpressure.

### 2. Intelligent PoE power supply

- 8\*10/100/1000Base-T RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
- IEEE802.3af/at PoE standard, without damaging non-PoE devices.
- Priority system for PoE port, it will supply power to the high priority level port first when the power budget is insufficient and avoid overwork of the device.

### 3. Stable and reliable

- CCC, CE, FCC, RoHS.
- Plug and play, no configuration, simple and convenient.
- Low power consumption, galvanized steel casing, No fan.
- Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.
- The user-friendly panel can show the device status through the LED indicator of PWR, Link, PoE.

# BC2108PG1GF-110W Series 10-port Full Gigabit PoE Switch



## TECHNICAL SPECIFICATION

Model	BC2108PG1GF-110W	
	<b>Interface Characteristics</b>	
Fixed Port	8*10/100/1000Base-T PoE ports (Data/Power) 1*10/100/1000Base-T uplink RJ45 port (Data) 1*1000Base-X uplink SFP fiber slot port (Data)	
Ethernet Port	Port 1-9 can support 10/100/1000Base-T, auto-sensing, full/half duplex MDI/MDI-X	
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter) 1000BASE-T: Cat5e or later UTP(≤100 meter)	
SFP Slot Port	Gigabit SFP optical fiber interface, default matching optical modules (optional order single-mode / multi-mode, single fiber / dual fiber optical module. LC)	
Optical Cable	Multi-mode: 850nm 0 ~ 550M, single mode: 1310nm 0 ~ 40KM, 1550nm 0 ~ 120KM.	
	<b>Chip Parameter</b>	
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X, IEEE802.3x	
Forwarding Mode	Store and Forward(Full Wire Speed)	
Switching Capacity	20Gbps	
Forwarding Rate@64byte	14.88Mpps	
MAC	8K	
Buffer Memory	2M	
Jumbo Frame	9.6K	
LED Indicator	Power : PWR (green), network : Link(yellow), PoE: PoE(green)	
Reset Switch	Yes, One-button factory reset	
	<b>PoE &amp; Power Supply</b>	
PoE Port	Port 1 to 8 IEEE802.3af/at @ POE	
Power Supply Pin	Default: 1/2(+),3/6(-), optional:4/5 (+), 7/8 (-)	
Max Power Per Port	30W; IEEE802.3af/at	
Total PWR / Input Voltage	110W (DC52V)	
Power Consumption	Standby<6W, Full load<110W	Standby<7W, Full load<240W
Power Supply	External power adapter, AC100~240V 50-60Hz 2A	
	<b>Physical Parameter</b>	
Operation TEMP / Humidity	-20~+55°C;5%~90% RH Non condensing	
Storage TEMP / Humidity	-40~+75°C;5%~95% RH Non condensing	
Dimension (L*W*H)	191*105*29mm	
Net /Gross Weight	<0.6kg / <1.2kg	
Installation	Desktop, wall mounted, 19 inch 1U cabinet	

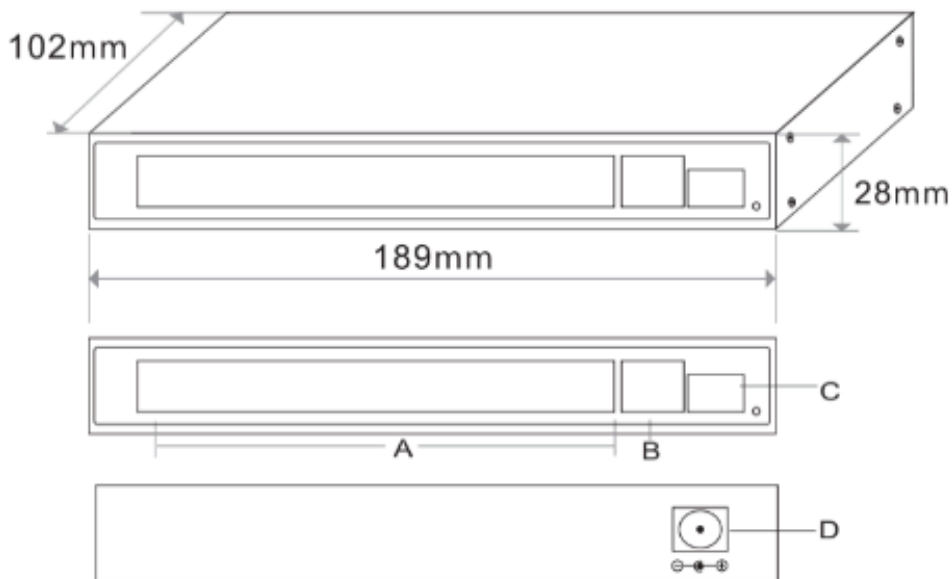
# BC2108PG1GF-110W Series 10-port Full Gigabit PoE Switch



### Certification & Warranty

Lightning protection / Protection level	Lightning protection: 4KV 8/20us; Protection level: IP30
Certification	CCC;CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class B; RoHS
Warranty	3 years, lifelong maintenance.

### DIMENSION

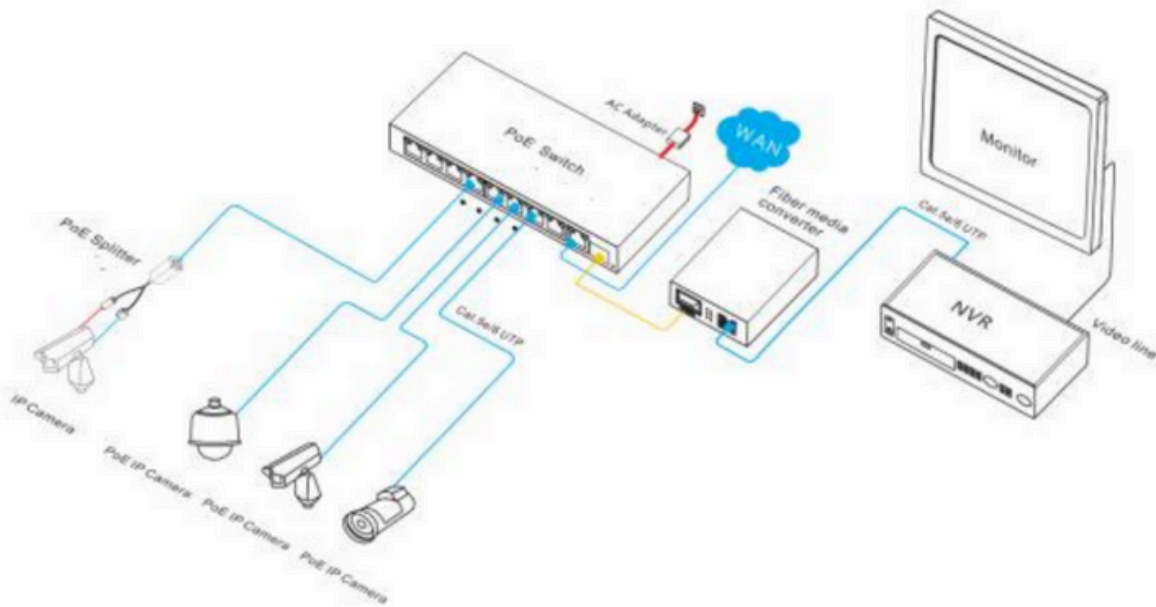


- A.8\*10/100/1000M PoE Ports
- B.1\*10/100/1000M Uplink Port
- C.1\*1000M Uplink SFP Port
- D. Power Input Port DC48-57V

# BC2108PG1GF-110W Series 10-port Full Gigabit PoE Switch



## APPLICATION



## PACKING LIST

	Content	Qty	Unit
PACKING LIST	10-port full gigabit PoE switch	1	SET
	AC Power Cable Power Adapter	1	SET
	Mounting Kits	1	SET
	User Guide	1	PC



# 337 Forest Road,  
London, United Kingdom



+44 7859 571344



info@bornelectronics.com



https://bornelectronics.com/