BORN
elegant creation

10-Port 10/100Mbps

PoE Switch

802.3at
PoE+
802.3af

PoE
WatchDog

UTP
Extend
—250m—

BC2208PE2E-120W

2 YEAR
EXCLUSIVE WARRANTY

Key Features:

Ports: Provide 8*10/100Mbps PoE ports and 2 *10/100Mbps Uplink

PoE Standard: IEEE802.3af/at Power over Ethernet (PoE) Compliant

Total Power: Total power budget of 120W and 30W for all singe PoE ports

Self-adaption: RJ45 port supports 10/100/1000Mbps Auto MDI/MDIX

Extend Mode: Extend PoE up to 250m on one single cable

Wide Application: Designed for Wifi AP and IP Security camera.VoIP etc

Surge protection: Protect the device from lighting surges and others electrical hazards

Considerate Design: Exquisite compact size with fanless design

Easy to use: Plug and play, No configuration required

Versatile PoE Port

Featuring 8* 10/100Mbps PoE ports which support IEEE802.3af/at standard and 2 * 10/100Mbps Uplink ports. the PoE switch provides Maximun power budget of 120W and 30W for single PoE ports sepectively,allowing users to have several different Networking products configured

802.3at
30W

Door Phone | PTZ Camera | 11.ac WiFi-AP | IP Speaker

802.3af
15.4W

IP Phone | IP Camera | SOHO WiFi-AP

Flexible Extend Mode

250m

100m

Default   Extender

With the extend mode, the PoE Switch Series is able to offer more flexible choices for long range transmission, extending the distance up to 250m, which is greatly helpful to bring better user experience.

Surge Protection Design

Reaching 6KV surge protection, the PoE ports owns the capacity to keep the PoE Switch from lightning strikes and other electrical surges, offering more reliable performance even in some harsh environments.

SECURITY

Technical Datasheet

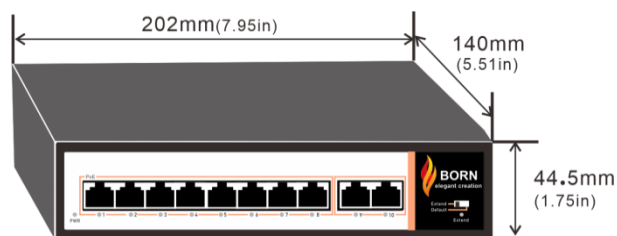| Model	BC2208PE2E-120W	
Hardware Specifications		
Network Connector	8*10/100BASE-T RJ45 auto MDI/MDIX ports 2*10/100BASE-T RJ45 auto MDI/MDIX ports	
PoE Port	8 10/100Mbps POE PSE port	
LED indicators	Power Indicator: PWR(green). Network Indicator: Link(yellow) PoE Working Indicator: PoE(green)	
Switch Architecture	Store and Forward	
Transmission model	IEEE802.3X full-duplex and Backpressure half-duplex	
Switch Performance	Backplane bandwidth	2.4Gbps
	Packet forwarding rate	1.49Mpps
	MAC address	4k
Power requirement	AC100-240V 50/60Hz	
ESD Protection	6KV ESD	
Dimension(W×D×H)	202mm x 140mm x 44.5mm(7.95in x 5.51in x 1.75in)	
Weight	1.1Kg	
Power over Ethernet (PoE) Specifications		
Network standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE802.3x Flow Control IEEE802.3af Power over Ethernet IEEE802.3at Power over Ethernet IEEE802.3az EEE	
PoE Standard	IEEE 802.3af Power over Ethernet/PSE IEEE 802.3at Power over Ethernet Plus/PSE	
PoE Supply Type	1/2(+), 3/6(-) End-span	
PoE Power Output	Per Port 52V DC, 300mA. max. 15.4 watts (IEEE 802.3af) Per Port 52V DC, 600mA. max. 30 watts (IEEE 802.3at)	
PoE Power budget	120W	
Environment		
Safety	FCC Part15 Class A,CE.RoHs	
Environment specification	Operating temperature: -20℃~55℃，operating humidity: 5％~95％ Storage temperature: -20℃~75℃，storage humidity: 5％~95％	

BC2208PE2E-120W

10-Port 10/100M PoE Switch

Interfaces

10/100M POE Port   10/100M Uplink Port   Extend mode

PWR Indicator

Link/ACT PoE Working Indicator

Link/ACT Indicator

Extend Indicator

Ground terminal   AC Input

AC/IN 100~240V

Structure Diagrams

202mm(7.95in)

140mm (5.51in)

44.5mm (1.75in)

Applications

Wi-Fi   VoIP   IP Camera   LED Lighting

PoE Extender   PoE Splitter

BC2208PE2E-120W

Local Lan   Internet
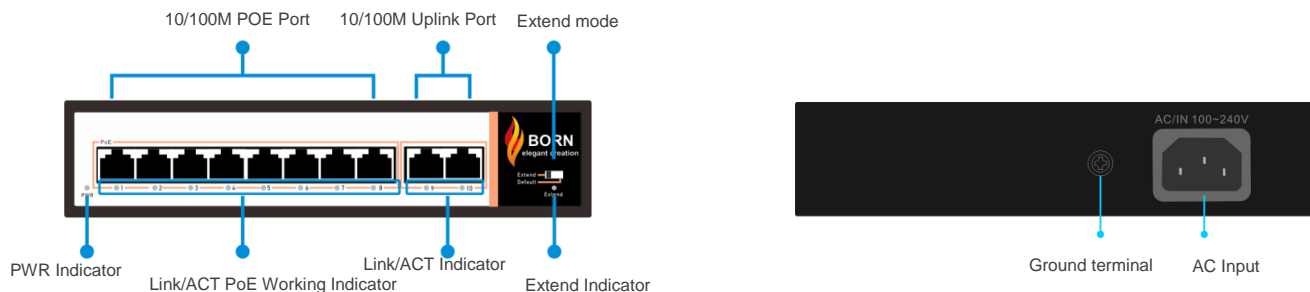
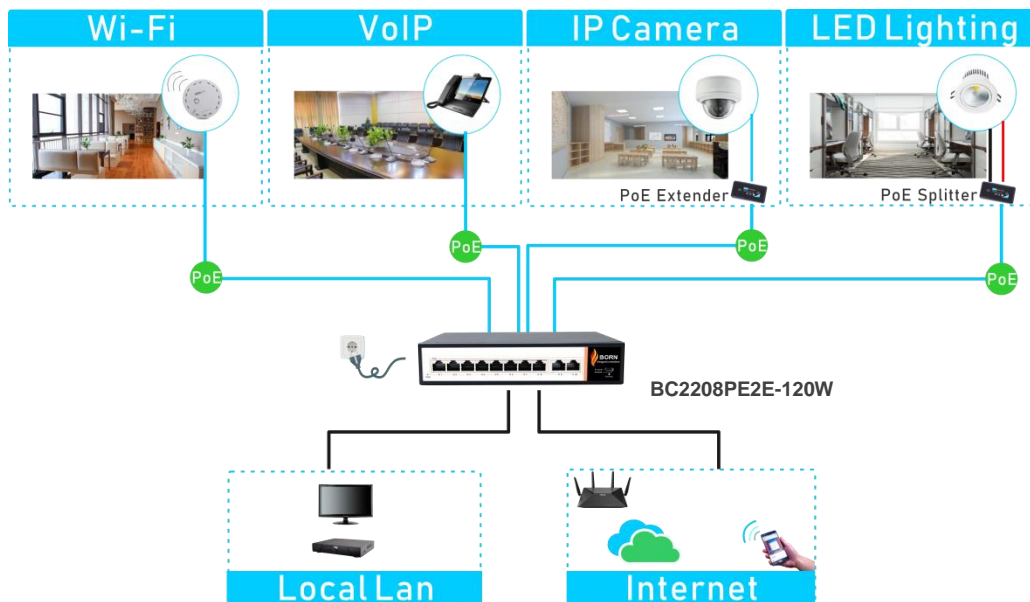| Ordering Information	
BC2208PE2E-120W	10 Ports 10/100Mbps PoE switch , 6KV surge protection, IEEE802.3af/at