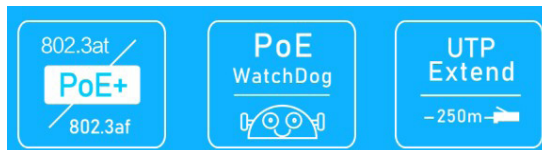


BN-GS-1083P2G1S

8 Ports 10/100Mbps Unmanaged PoE+ Switch with 2 Gigabit RJ45 and 1 SFP Uplink

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Key Features:

Ports: Provide 8*10/100/1000Mbps PoE+ ports and 2 *1000Mbps and 1 SFP Uplink

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

Total Power: Total power budget of 120W and 30W for all single 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 rack mount size with fanless design

Easy to use: Plug and play, No configuration required

Versatile PoE+ Port

Featuring 8* 10/100/1000Mbps PoE+ ports which support IEEE802.3af/at standard and 2 * 1000Mbps Uplink ports. The PoE+ switch provides maximum power budget of 100W and 30W for single PoE+ ports, allowing users to have several different networking products configured.



Flexible Extend Mode

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.



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Technical Datasheet

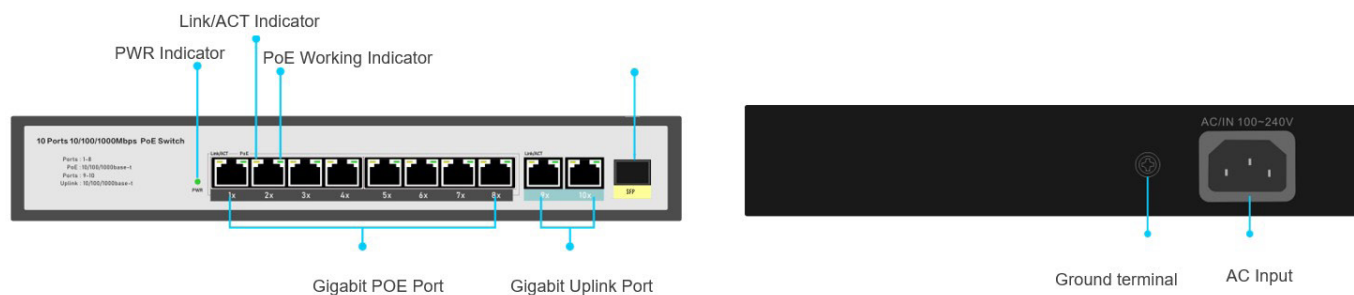
Model	BN-GS-1083P2G1S	
Hardware Specifications		
Network Connector	8 10/100/1000BASE-T RJ45 auto MDI/MDIX ports 2 10/100/1000BASE-T RJ45 auto MDI/MDIX ports (combo) 1 1000 Base-X SFP Slots (combo)	
PoE Port	8 10/100/1000Mbps PoE+ PSE port	
LED indicators	Power Indicator: PWR(green). Network Indicator: 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	20Gbps
	Packet forwarding rate	14.88Mpps
	MAC address	8k
Power requirement	AC100-240V 50/60Hz	
ESD Protection	6KV ESD	
Dimension(W×D×H)	270mm x 180mm x 44.5mm(10.62in x 7.09in x 1.75in)	
Weight	2Kg	
MTBF	43,123 hours	
Power over Ethernet (PoE) Specifications		
Network standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE 802.3ab Gigabit 1000BASE-T 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: -10℃~45℃， operating humidity: 10%~90%	
	Storage temperature: -20℃~70℃， storage humidity: 5%~95%	

BN-GS-1083P2G1S

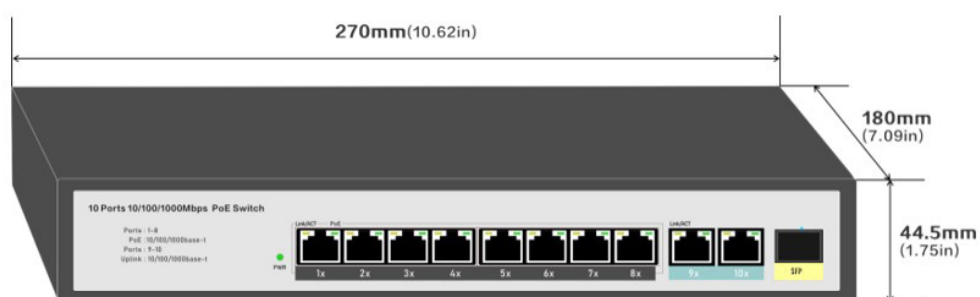
8 Ports 10/100Mbps Unmanaged PoE+ Switch with 2 Gigabit RJ45 and 1 SFP Uplink

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Interfaces



Structure Diagrams

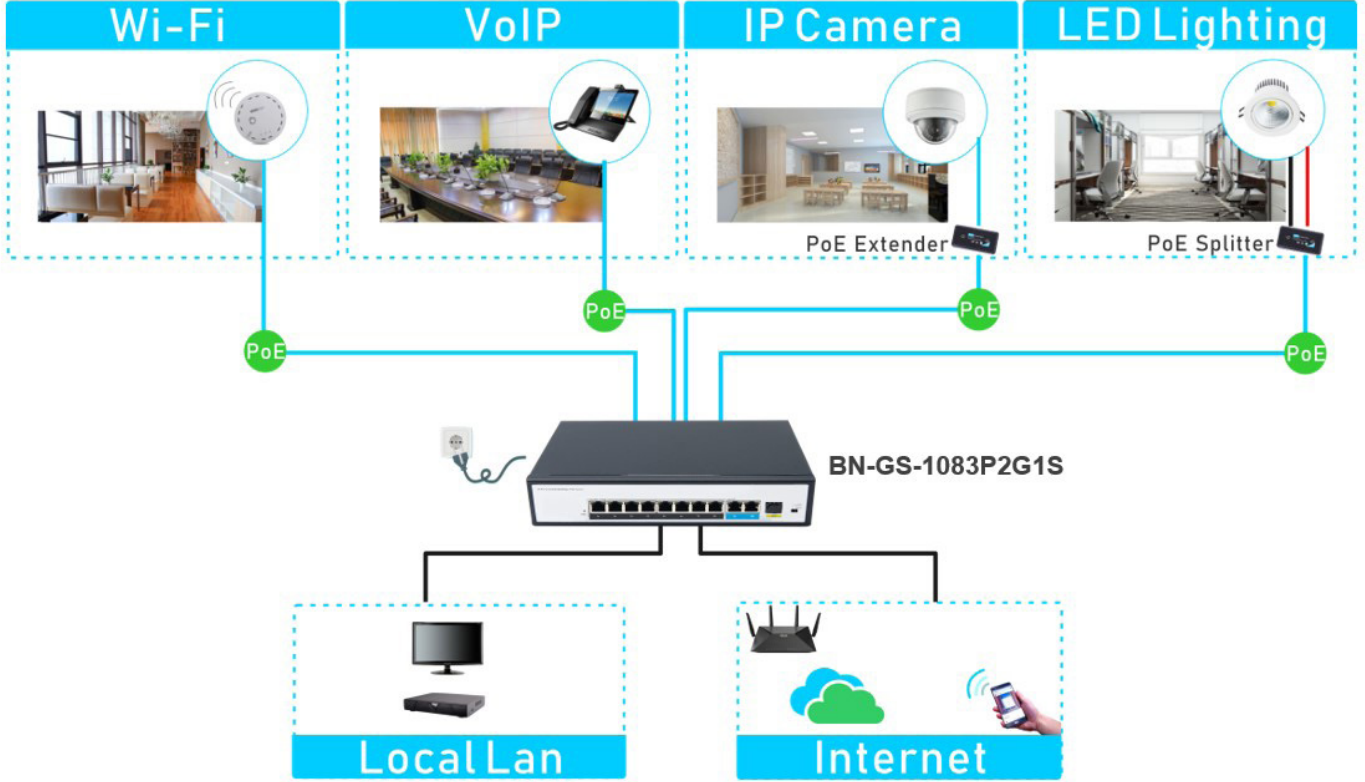


BN-GS-1083P2G1S

8 Ports 10/100Mbps Unmanaged PoE+ Switch with 2 Gigabit RJ45 and 1 SFP Uplink
RJ45 and 1 SFP Uplink

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Applications



Ordering Information

BN-GS-1083P2G1S

8 Ports 10/100Mbps Unmanaged PoE+ Switch with 2 Gigabit RJ45 and 1 SFP Uplink, 4KV surge protection, IEEE802.3af/at, 120W power budget