

**8-port 10/100/1000Mbps PoE Switch  
+2 port 1000Mbps RJ45 Ethernet Uplink**



**BC-20028**

- 8 port 10/100/1000Mbps PoE+2 port 1000Mbps RJ45 Uplink
- 10/100/1000Mbps auto-negotiation and auto MDI/MDI-X
- Complies with IEEE802.3af/at Power over Ethernet device
- Supports PoE power up to 15.4watts/30watts per PoE port
- Auto detects powered device(PD)
- Circuit protection prevents power interference between ports
- Flow control for Full duplex/Half duplex Support 2K absolute MAC address
- Support short-circuit protection function
- Plug-and-Play no configuration required
- High security performance defending against power surge

Specification	Descriptions
<b>Hardware Specification</b>	
Model	BC-20028
Network Connector	8-port 10/100/1000Mbps PoE+2-port 1000Mbps RJ45 Ethernet Uplink
PoE Port	1~8 port s upport PoE with IEEE802.3af/at (Port 1 PoE up to 60W)
Switch Architecture	Store and Forward
MAC Address Table	2K
Bandwidth	20G
Forwarding Rate	14.44Mpps
Cache	2.5M
Packet Forwarding Rate	1000M forwarding rate: 1.488Mpps 100M forwarding rate: 0.1488Mpps 10M forwarding rate: 0.01488Mpps
Flow Control	Full-duplex:IEEE 802.3x pause frame, Half-duplex: Back pressure
VLAN	Support
Transmission Distance	10BASE-T: Cat3, 4, 5 UTP(≤250 meter) 100BASE-TX: Cat5 or later UTP(150 meter) 1000BASE-TX : Cat6 or later UTP(150 meter)
Power Input	MAX 120W (AC100-240V 50/60HZ)
Power Consumption	≤8W
ESD Protections	6kV DC
LED Display	PWR,SYS,POE LINK,ACT/LINK
<b>Power over Ethernet</b>	
PoE Standard	IEEE802.3af Power over Ethernet/PSE IEEE802.3at Power over Ethernet Plus /PSE
Power Pin Assignm ent	End-Span(1/2+;3/6-) Max 15.4w/per port (IEEE802.3af) Max 30w/per port (IEEE802.3at) (Port 1 PoE up to 60W); Total 120watts
PoE Power Supply	
<b>Standard Conformance</b>	
EMI Safety	FCC Class B,CE
Standard Compliance	IEEE802.3/IEEE802.3i/IEEE802.3u/IEEE802.3ab IEEE802.3x/IEEE802.3af/IEEE802.3at
<b>Environment</b>	
Operating Environment	-30°C~55°C
Storage Environment	-35°C~75°C
Operating Hum idity	0%~90%(non-condens ing)
Storage Hum idity	5%~90%(non-condens ing)
<b>Others</b>	
Dim ens ions (W×D×H)	210m m ×150m m ×35m m
Gros s Weight	1.3KG