

## 4-port 10/100Mbps PoE Switch +2 port 100Mbps RJ45 Ethernet Uplink



### BC-10042

- 4 port 10/100/1000Mbps PoE+2 port 100Mbps RJ45 Uplink
- 10/100Mbps 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 1K absolute MAC address
- Support short-circuit protection function
- Plug-and-Play no configuration required
- High security performance defending against power surge

### Specification

### Descriptions

Specification	Descriptions
<b>Hardware Specification</b>	
Model	BC-10042
Network Connector	4-port 10/100Mbps PoE+2-port 100Mbps RJ45 Ethernet Uplink
PoE Port	1~4 port s support PoE with IEEE802.3af/at
Switch Architecture	Store and Forward
MAC Address s Table	1K
Switch Bandwidth	1.6G
Forwarding Rate	1.15Mpps
Cache	768K
Packet Forwarding Rate	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)
Power Input	AC 100-240V 50/60Hz (DC52V 1.25A)
ESD Protections	6kV DC
LED Display	PWR,SYS,POE LINK,ACT/LNIX
<b>Power over Ethernet</b>	
PoE Standard	IEEE802.3af Power over Ethernet/PSE IEEE802.3at Power over Ethernet Plus /PSE
Power Pin Assignment	End-Span(1/2+3/6-)
PoE Power Supply	Max 15.4w/per port (IEEE802.3af) Max 30w/per port (IEEE802.3at) Total 65watts
<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~50°C
Storage Environment	-35°C~65°C
Operating Humidity	0%~90%(non-condensing)
Storage Humidity	5%~90%(non-condensing)
<b>Others</b>	
Dimensions (WxDxH)	190mm × 130mm × 35mm
Packing Dimensions (WxDxH)	270mm × 220mm × 68mm
Gross Weight	1KG

### Application

