

BC-0802
2-port 10/100/1000Base-T RJ45
8-port 1000Base-X SFP slot, up to 120Km
Ethernet Switch Unmanagement,
19" Rack Mount



8-SFP



Overview

The BC-0802 Unmanaged SFP Fiber Ethernet Switch is a high performance Layer 2 Gigabit Ethernet switch for service providers. The switch provides an uplink port 2*100/100/1000Base-Tx and 8*1000BaseX SFP slot on the downstream port.

The BC-0802 switch is designed for emerging Ethernet-based FTTx applications. The switch is feature-rich and widely used. It is especially suitable for access networks and small-to-medium-sized private networks. The appearance is 19 inches and only 1U. With a high standard rack, the switching chip adopts multiple newest PHY integration combinations from the United States, and has the highest Gigabit port density, providing users with the best performance/price ratio.

The BC-0802 series switches mainly include FTTx, fiber-optic LAN, industrial Ethernet, Ethernet-based high-reliability industrial distributed control system (DCS) and optical fiber digital video surveillance systems. Support universal hot-swappable SFP optical modules. It can be connected to fiber switches, optical transceivers, and various types of terminators that contain fiber interfaces. It supports super-high-definition video streaming capabilities, streamline network structures, and can provide up to 52Gbps of switching capacity. It can meet the different requirements of large-scale network convergence or small and medium-sized network cores. All ports support line-speed forwarding and MDI/MDIX auto-flip function, which enables plug-and-play operation without management.

Feature and Descriptions

- 8 port 1000Base-Fx SFP to 2 port 1000Base-Tx RJ45 Fiber Ethernet Switch.
- 10/100/1000Mbps auto-negotiation, auto-MDI-MDI-X.
- Complies IEEE802.3, 10BASE-T; IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3ae, IEEE802.3x.
- Full/Half duplex auto-negotiation.
- Back pressure flow control for full duplex.
- Converter mode with auto-change-forward[Switch]function.
- Back pressure flow control for full/half duplex IEEE802.3X.
- Support 1.25G SFP module.
- Rack Mounting installation.

Specifications

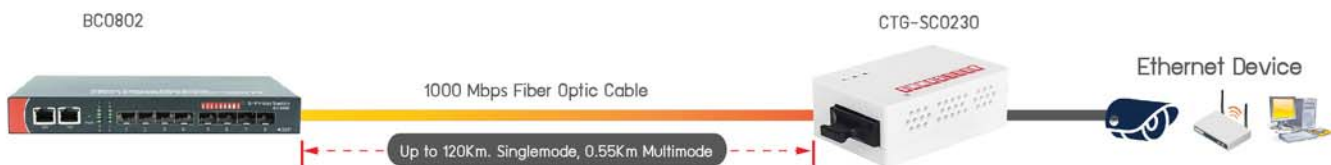
Performance

Interface	8 Port 1000Base-Fx SFP slot + 2 Port 1000Base-Tx RJ45 Ethernet
PoE	Non PoE
Switch Architecture	Store and Forward
MAC Address Table	8K
Switch Bandwidth	52Gbps
Cache	4.1M
Packet Forwarding Rate	40.32Mpps
Flow Control	Full-duplex: IEEE 802.3x pause frame; Half-duplex: Back pressure
Network protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T;IEEE802.3u;100Base-TX/FX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x; 10BASE-T: Cat3,4,5 UTP(≤100 meter) ; 100BASE-TX: Cat5 or later UTP(≤150 meter) 1000BASE-TX: Cat6 or later UTP(≤150 meter)
Network Media	
Fiber Media	SFP Fiber connector: Multi-mode: 1310nm, 2KM Single-mode: 1310nm, 20KM; 1550nm, 40/60/80/120KM
Power Input	Input Voltage: DC 5~12V. Power supply: DC12V2A
Cooling System	Automatic Temperature Control Failure Alarm
LED Display	PWA: ACT/LN1K
Shell	Metal shell, IP30 protection
Installation	1U 19" Rack-Mount
MTBF	100000 Hours
Power Consumption	<10 watts
Operating Environment	-40~85 °C
Storage Environment	-45~85 °C
Operating Humidity	10%~90%(non-condensing)
Storage Humidity	5%~90%(non-condensing)
Dimensions(W x D x H)	215mm x 106mm x 28mm
Weight	0.8KG

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Application



Order Part Number as Below.

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