



Product Description

This BCP® PoE Industrial Managed Switch has 8x10/100/1000Base-T RJ45 ports (PoE), 4x1000BASE-X SFP ports (Uplinks). The switch provides up to 4Mbit cache and supports 4K high-definition video transmission.

Features & Benefits

- Provide 8x10/100/1000Base-T RJ45 ports (PoE), 4x1000BASE-X SFP ports (Uplinks)
- Buffer reaches 4Mbit, Support 4K high-definition video transmission
- PoE function: 1 port 60W HPoE; 7 ports 30W PoE
- Support web-based network management, support VLAN, QoS, RSTP, SNMP etc. network function
- Support fast ring, support 30 pcs switches max. in a cascade system, self-healing in 20ms min
- Support relay alarm for power off, network broken, PoE off
- 6KV surge immunity, 8KV ESD protection and anti interference ability

Applications

- LAN Applications
- Surveillance

Technical Specifications

Downlink Ports 8*	8* 10/100/1000Base-T PoE RJ45 ports
Uplink Ports	4*1000Base-X SFP ports
Standard and Protocols	IEEE 802.3, IEEE802.3u, IEEE 802.3ab, IEEE802.3z, IEEE802.3x, IEEE 802.3af, IEEE 802.3at, IEEE 802.1Q, IEEE 802.1D, IEEE 802.1p, IEEE 802.1x IEC61000-4-5 IEC61000-4-2 IEC61000-4-4
Switching Capacity	24Gbps
Packet Forwarding Rate	18Mpps
Forwarding Modes	Store and Forward
Packet Buffer	4M
MAC Address Table	8K
PoE Standard	802.3af/at
PoE Power Method	End-span
PoE Line Pair	1/2(+), 3/6(-)
PoE Output Power	Port T1 60W HPoE, Port T2~T8 are standard PoE (30W)

To Order

Ordering information on page 3.



Alarm Signal Output by Relay	Support relay alarm for power off, ports network link-off , ports PoE off (Set by Web Software)
Surge Immunity	6KV Per: IEC61000-4-5
ESD Immunity	ESD Level 4 Per: IEC61000-4-2 FT Level 4 Per: IEC61000-4-4
Input Voltage	48~57V DC
Power Consumption	Self consumption <15W
Operation Temperature	-40°C~75°C
Storage Temperature	-40°C~85°C
Operation Humidity	5%-95% (No- condensation)
Dimension (LxWxH)	159mm×110mm×46.5mm
Weight	750g
MTBF	330000 Hour
Certification	CE, FCC, ROHS
Port Management	Support Port Enable/Disable; Support Port Rate Settings; Support Port Full-duplex Mode; Support IEEE802.3x Flow Control; Support Port Name Change;
VLAN	Support 4K VLAN Support 802.1Q Protocol-Based VLAN; Support Port-Based VLAN;
QoS	Support QoS; Support 8-Level Priority management for switching; Support WRR; Support 802.1P and DSCP Priority;
Multicast Management	Support SNMP V1/V2/V3 Protocol; Support IGMP Snooping;
POE Management	Support Total Power Consumption Control; Support PoE ON/OFF; Support Single Port 60W max. Power Change and Port Output Priority;
Alarm Signal Output by Relay	Support relay alarm for power off, ports network link-off , ports PoE off
Safety	Support IP, MAC, Port, VLAN Combination and Binding; Support MAC address auto-learning, aging& filter; Support Port Isolation, Port Speed-Limited; Support RSTP; Support Fast-Ring; Support 5 groups of 8-Port trunk; Support RADIUS Authentication& 802.1X Authentication;
System Management & Maintenance	Support WEB Management, CLR Settings and telnet Settings; Support CLR Settings; Support FTP/TFTP/HTTP Web Upgrading; Support IP Address, DNS Server Change Support Flow Calculate; Support MAC address Form Search; Support Username & Password Change; Support History Record, Journal management; Support System settings Backup;

Ordering Information

Use combinations of **bold** letters and numbers to create part numbers for ordering.

Type		Copper Ports		Power Supply		Plug Type	
B/IS	Industrial Switch	24RJ	24 RJ45	AC	AC Power	UK	UK
B/PS	PoE Switch			DC	DC Power	EU	European
						US	USA
						SK	SCHUKO
▲		▲		▲		▲	
B/IS	GB	8RJ	4SF	DC	48V	UK	MG
	▼		▼		▼		▼
10/100/1000M	GB	4 SFP Slots	4SF	24V 48V	24V 48V	Managed	MG
Signal		Fibre Ports		Voltage		Managable	

Example Part Number	
Description	Part Number
BCP 8 RJ45 to 4 SFP Slot GB Industrial Managed Switch	B/ISGB8RJ4SFDC48VUKMG

