

BC-22024 24-port 10/100/1000Mbps PoE Switch to 2-port 100/1000M SFP Fiber Uplink Layer-2 Switch Management

คุณสมบัติตามมาตรฐานกระทรวง ICT.

Feature and Descriptions

- 24 ports 10/100/1000Mbps PoE+2 port 1000Mbps SFP+1 Console port
- 24 PoE ports support power over Ethernet for PDs.
- Support IEEE 802.3af/at PoE standard, Each PoE port Max15.4W/30W
- OSI Model L2+ management provide better manageability, security, QoS.
- Layer 2 managed switching features including 802.1Q VLAN, Mirroring, Port isolation, IPv6, IGMP Snooping, DHCP Snooping, PAGP, DTP LLDP, IP Source Guard, ARP inspection, ACLs etc.
- Support spanning tree STP(802.1D) and RSTP(802.1W).
- Jumbo frames support up to 9.6K kilobytes.
- Support enhanced management through WEB, CLI, TELNET, SSH, SNMP.
- Support 100~240V, 50/60Hz.



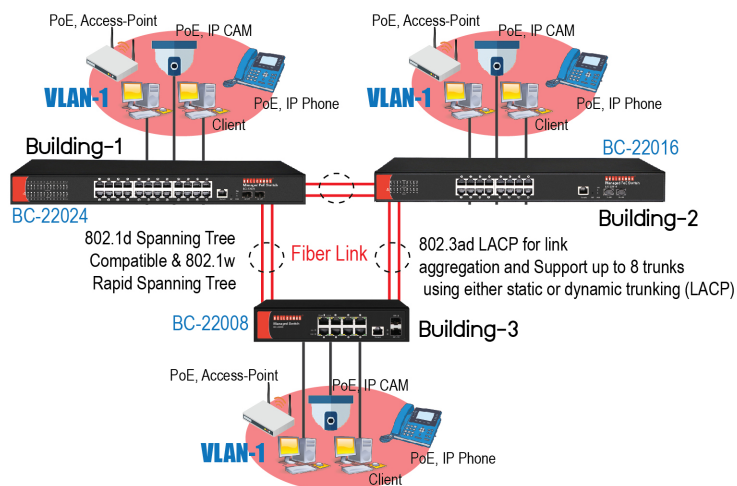
Each
PoE Port
Max : 30 W



Specification	Descriptions
Product Name	Manage 24 ports Gigabit PoE Switch with 2 SFP(Layer 2)
POE Ports	24-port 10/100/1000Mbps POE(10/100/1000Base-T)
SFP Slots	2-port 1000Mbps SFP
Management Port	Console
POE port Power	Max.15.4watts (IEEE802.3af) Max. 30watts (IEEE802.3at)
POE Standard	IEEE802.3af/IEEE802.3at
PoE Power Supply Type	End-span
Power Pin Assignment	1/2(+), 3/6(-)
PoE Power Budget	400 watts (max.)
Switch Architecture	Store-and-Forward
Switch Bandwidth	56Gbps(Switching Capacity)
Packet Forwarding	40.32Mpps
RAM	128M
MAC Address	8K
Buffer	4.1M
FLASH	128M
Standards	IEEE 802.3x
	IEEE 802.3; IEEE 802.3u; IEEE 802.3ab; IEEE 802.3z IEEE 802.3ad IEEE 802.3q; IEEE 802.3q/p
	IEEE 802.1w; IEEE 802.1d; IEEE 802.1S; IEEE802.3af; IEEE802.3at
Flow Control	Half duplex based back pressure control
Power Input	Full duplex based on PAUSE frames
Working Environment	100~240V AC, 50/60Hz
	Working Temperature: -20~60°C; Storage Temperature: -40~70°C
	Operation Humidity:10%~ 90%(non-condensing)
	Storage Humidity:5%~ 95%(non-condensing)
Product Size	440mm(L)*290mm(W)*45(H)mm
Weight	4.5kg

Specification	Descriptions
L2 Management	
Port Management	Port disable/enable Auto-negotiation 10/100/1000Mbps full and half duplex mode selection Flow Control disable/enable Bandwidth Control/Broadcast Storm Control
Port Mirroring	TX / RX / Both Many-to-one Monitoring
VLAN	4K VLAN 802.1Q tagged-based VLAN, up to 30 VLAN groups, out of 4094 VLAN IDs Port-based VLAN, up to 10 VLAN groups
QoS	802.1p port queue priority algorithm Cos/Tos, QOS sign WRR (Weighted Round Robin).Weighted priority rotation algorithm WRR/SP/WFQ,3 priority scheduling models
Spanning Tree Protocol	STP(Spanning Tree Protocol) RSTP/MSTP(Rapid Spanning Tree Protocol) EPPS ring network protocol EAPS ring network protocol 802.1x argumentation agreement
Link Aggregation	Max 8 aggregation groups, each supports 8 ports Static aggregation and dynamic aggregation
DHCP	DHCP Snooping
Loop Guard	Loop protection function, real-time detection, rapid alarm, accurate positioning, intelligent blocking, automatic recovery
Isolation	Support downlink ports isolated from each other and communicate with upstream port
Line Rate	Support port based input / output bandwidth management
IGMP Snooping	IGMPv1/2/3 and MLDv1/2 Snooping GMRP protocol registration Multicast address management, multicast VLAN, multicast routing ports, static multicast addresses
Storm Suppression	Unknown unicast, multicast, unknown multicast, storm suppression of broadcast type Storm suppression based on bandwidth tuning and storm filtering
Security	User port+IP address+MAC ACL based on IP and MAC Security properties of port based MAC address quantities
System Maintenance	Upgrade package upload, system log view WEB restore factory configuration
PoE Management	Open or close port
Web Browser	Standard POE scheduling management A variety of timing reset function (recently upgraded)
Management	POE Automatic equipment on-line inspection WEB Management (support http and https protocol) CLI management Telnet remote management SSH V1/V2 Support SNMP network management
LED Display	PWR, SYS, POE, LINK, ACT/LINK

Application



Order Part Number as Below.

Part Number.

Part Number.	Descriptions
BC-22024	24-port 10/100/1000Mbps PoE Switch to 2-port 100/1000M SFP Fiber Uplink Layer-2 Switch Management 400 Watts max