

Layer2 Managed Ethernet Switch 24 port 10/100/1000M RJ45 + 4 port RJ45 + 4 SFP Combo



CE FC RoHS

BCG-2404P

- 24 ports 10/100/1000M RJ45+ 4 port 1000M RJ45+4 port 1000M SFP Combo
- 10/100/1000Mbps auto-negotiation and auto MDI/MDI-X.
- Circuit protection prevents power interference between ports.
- L2+ management provide better manageability, security, QoS.
- Layer 2 managed switching features including 802.1Q VLAN, Mirroring, Port isolation, IGMP Snooping, DHCP Snooping, POE+ management, 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 short-circuit protection function

Specification	
Hardware Specification	
Model	BCG-2404P
Network Connector	24-port 10/100/1000M RJ45+4-port 1000M RJ45+4-port 1000M SFP Combo+1 Console
PoE Port	Non PoE
Switch Architecture	Store and Forward
MAC Address Table	8K
Switch Bandwidth	56Gbps
Forwarding Rate	40.32Mpps
RAM	128M
Cache	4.1M
Flash	16M
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 (150 meter) 100BASE-TX: Cat5 or later UTP(150 meter) 1000BASE-TX: Cat6 or later UTP(150 meter)
Power Input	AC 100-240V 50/60Hz
ESD Protections	6kV DC
LED Display	PWR,SYS,Giga,ACT/LNIK
Standard Conformance	
EMI Safety	FCC Class B,CE
Standard Compliance	IEEE802.3/IEEE802.3i/IEEE802.3u/IEEE802.3ab/IEEE802.3x
Environment	
Operating Environment	-30°C ~ 60°C
Storage Environment	-40°C ~ 75°C
Operating Humidity	5% ~ 90%(non-condensing)
Storage Humidity	5% ~ 95%(non-condensing)
Others	
Installation	Rack Mounting
Dimensions(W×D×H)	440mm(L)*290mm(W)*45mm(H)
Packing Dimensions(W×D×H)	515mm(L)*300mm(W)*95mm(H)
Cross Weight	4.5KG
Warranty	3 year warranty

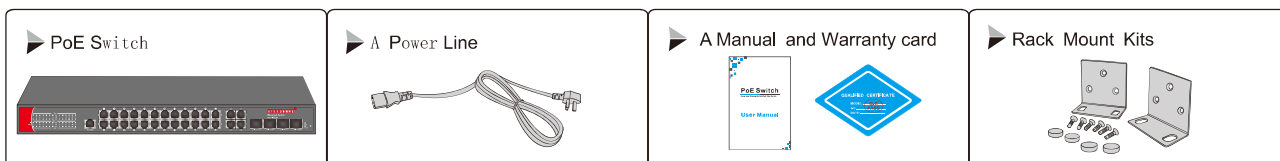
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Layer 2 Management	
Port Management	Port disable/enable Auto-negotiation 10/100/1000Mbps full and half duplex mode selection Flow Control disable/enable Bandwidth Control/Broadcast Storm Control
Port Mirroring	TX/ RX/ Both Many-to-one Monitoring
VLAN	4K VLAN 802.1Q tagged-based VLAN, up to 30 VLAN groups, out of 4096 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 Standard POE scheduling management A variety of timing reset function (recently upgraded) POE Automatic equipment on-line inspection
Management	WEB Management (support http and https protocol) CLI management Telnet remote management SSH V1/V2 Support SNMP network management

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■ Packing List



■ Applications

