Cloud Managed PoE Switch

NB-GS2428FCP

NEWBRIDGE®

FEATURES

- 24× gigabit PoE+ ports+4× gigabit Uplink and 4× gigabit SFP(combo)
- Supports PoE power up to 30W for each PoE port, all power up to 500 W
- IEEE 802.3af/at PoE standards
- Store and forward mode operates
- Supports remote management of business cloud APP and web-based management
- Support intelligent opening, abnormal alarm, fast troubleshooting
- Supports 802.1Q VLAN, Port VLAN, QoS, bandwidth control, storm suppression
- Supports port aggregation, port traffic statistics, port monitoring, cable detection, loopback protection
- Supports three working modes: cloud management, VLAN isolation, and standard switching

NB-GS2428FCP is NEWBRIDGE's self-developed full Gigabit cloud-managed PoE switch.The switch has 24* 10/100/1000Mbps PoE+ ports + 4* 1000Mbps Uplink port and 4* 1000Mbps SFP Slot(combo), where 1-24 100/1000 Mbps downlink power ports all support powering PoE network cameras via UTP Category 5 and above unshielded twisted pair cables. 24 10/100 /1000Mbps adaptive RJ45 downlink ports all support 802.3af/at standard PoE power supply. The maximum PoE output power of the whole machine is 500 W, and the maximum power supply power of individual ports is 30W.

NB-GS2428FCP is Full Gigabit cloud management PoE switches, provide more efficient, simple, secure and easy-to-use remote management.It supports intelligent opening, automatic network configuration, and abnormal alarms, etc., which can be easily used by novice users without professional IT operation and maintenance personnel;Adopting the new generation of high-performance hardware and software platform, it provides flexible and cost-effective full Gigabit ports and supports flexible 802.1Q VLAN, port monitoring, port aggregation, QoS, bandwidth control and other basic network management functions.Easy to manage and maintain, suitable for campus, hotel and enterprise campus network access application scenarios.

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Specifications

NB-GS2428FCP		
Protocol Standards	IEEE802.3 10BASE-T;IEEE802.31 10BaSe-T: IEEE802.3u100Base-TX ; IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X;	
Ports	24×10/100/1000Mbps RJ45 PoE ports +4×1000Mbps Uplink ports and 4×1000Mbps SFP ports(combo)	
Indicators	Per Device	Power, System
	Per Port	Link/Activity,
PoE Standard	IEEE 802.3af/at	
PoE Power Supply	1/2 + ,3/6- ;4 core power supply	
PoE Power	af=15.4W,at=30W for each port	
Power input	AC:100~240 50-60Hz	
Fan Quantity	Fanless	
Performance	Store-and-forward support	
Switching Capacity	56Gbps	
Packet Buffer Memory	4Mbits	
Throughput	38.688Mpps	
MAC Table	8K	
Dimensions	440mm*192mm*45mm	
Installation	Guide rail/wall mount	
Environment	Operating Temperature: -20℃ ~55℃ Storage Temperature: -40℃ ~80℃ Operating Humidity: 5%~90% non-condensing Storage Humidity: 5%~95% non-condensing	

Safety features	• IP-MAC-Port-VID Quad Binding • ARP Protection, IP Source Protection, Dos Protection, Port Security, CPU Protection • 802.1X authentication
Network managemet	• Supports remote management via Business Cloud web platform (web) and Business Cloud APP. • Supports local web management • Support 802.1Q VLAN, MTU VLAN, port VLAN. • Support configuration of port flow control, duplex, on/off • Support port aggregation, port monitoring, port isolation, port traffic statistics. • Supports DHCP Snooping • Supports QoS, port speed limit, storm suppression. • Supports cable detection, loopback detection • Support one-click restore • Supports PoE port restart
Business Cloud Features	• Support fast opening • Support device information reporting • Alarm Push • Support for remote operation and maintenance of equipment

Order Information

Part No	Description of product	Unit
NB-GS2428FCP	4*1000M Uplink,4*1000M SFP slot(combo), 24*10/100/1000 Base-Tx Cloud managed PoE Switch ,PoE Standard: IEEE 802.3af/at.	pc