

BC3348PGM4T-800WS

48 Port Managed Gigabit PoE Dual Power Switch



Datasheet

FEATURES

- ✧ Gigabit access, 10G uplink
- ✧ Dual 800W Power Supplies
- ✧ Strong business processing capability
- ✧ Load balancing, link backup, and improve link reliability
- ✧ Comprehensive Security & Management Suite
- ✧ Substantial & Scalable PoE Power Budget

Product Overview

The BC3348PGM4T-800WS is an enterprise-class, high-performance L3 Managed PoE switch engineered to serve as the resilient and intelligent core for demanding business networks. It combines 48 Gigabit RJ45 PoE+ ports with four high-speed 10G SFP+ uplinks, delivering robust power and connectivity for access layer devices while providing massive bandwidth for aggregation and backbone connections. Its defining feature is the integrated dual 800W power supplies, which ensure continuous, fault-tolerant operation for mission-critical applications such as unified communications, extensive IP surveillance systems, and high-density wireless deployments.

This switch delivers advanced Layer 3 routing intelligence, supporting static routing and dynamic protocols for efficient inter-VLAN routing and optimized network segmentation. The substantial combined PoE power budget, backed by the dual power supply design, guarantees uninterrupted power delivery to all connected devices, including high-power PTZ cameras and next-generation Wi-Fi 6/6E access points. Built with a robust chassis for optimal thermal management, it is designed for 24/7 reliability in data centers, campus networks, and large-scale commercial installations where uptime is paramount.

By converging high-density PoE, wire-speed 10G connectivity, advanced routing capabilities, and true power redundancy into a single platform, the BC3348PGM4T-800WS offers unparalleled control, scalability, and reliability. It is the strategic foundation for building a future-proof network that is both powerful enough to handle today's applications and resilient enough to support continuous business operations.

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Specification Parameters

Product Name	L3 Managed 48-Port PoE Dual Power Switch with 10Gb Uplink
Network port	48x1G/100M/10M RJ45 port 4x10Gbps SFP+ optical port
Management Port	1xconsole port
Reset key	1
PoE Port	1-2 ports support IEEE802.3af/at/bt, Max 90W/port 3-24 ports support IEEE802.3af/at, Max 30W/port
PoE Power Polarity	Af/at/bt: 12+ 45+ ; 36- 78- Af/at: 12+ 36-
Total PoE Power	Max 1600W
RAM	512MBytes
FLASH	512MBytes
Bandwidth	176Gbps
Packet Forwarding	130.94Mpps
MAC Address	16K
Cache	16Mbit SRAM Packet Buffer
Jumbo Frame	Supports up to 12KB
VLAN Address	4K
Link Aggregation	Supports 128 trunk groups with up to 8 members per group
L3 Routing	IPV4 supports 6K; IPV6 supports 2K;
QoS Queuing	8
Forwarding Mode	Store-and-forward (full wire speed)
Transmission Distance	10BASE-T: Cat3,4,5 UTP(≤250m) 100BASE-T: Cat5 or later UTP(≤150m) 1000BASE-T: Cat6 or later UTP(≤150m) SFP+: Support 10G single-mode and multi-mode optical modules, maximum distance ≤120km (depending on the optical module).

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LED Indicator	<p>PWR: Power LED SYS: System LED 1-48: PoE LED 10/100/1000M Link LED 49-52: 10Gb SFP+ link LED</p>
Input method	Built-in power supply AC: 100-240Vac 50-60Hz 9.6A MAX 800Wx2
Use environment	<p>Operating temperature: -10°C~55°C</p> <p>Storage temperature: -40°C~75°C</p> <p>Operating humidity: 5%~90% non-condensing</p> <p>Storage humidity: 5%~95% non-condensing</p>
Product Size	Product size: 440mmx410mmx45mm
Packing Size (LxWxH)	Package size: 553mmx550mmx93mm
N.W/G.W (kg)	6.4kg/7.4kg
Lightning Protection Level	6KV 8/20us; IP30
Installation	Desktop/Rackmount

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Order Information

Model No.	Description
BC3348PGM4T-800WS	L3 Managed 48-Port PoE Dual Power Switch, 48x1000M RJ45, 4x10G SFP+



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