

RB10-4804M-PSE

L3 Managed PoE++ Switch 48x 1G + 4x 10G SFP+ ports



Product Overview

The RB10-4804M-PSE is a Layer 3 managed Ethernet switch, supporting 48x 10/100/1000M adaptive RJ45 ports, 4x 10Gb SFP+ ports and 1x RJ45 console port.

Model offers a very high density of RJ45 copper ports that can also offer PoE+ power. Total budget is 600W for PoE PD consumption, with first 4 RJ45 ports also supporting 802.3bt standard for high power 90W PD equipment. Switch offers 4x 10G SFP+ ports for high-speed connectivity. Unit has strong security and management features, making it ideal for enterprise/corporate data networks and security/surveillance applications.

Technical Specifications

Product Name	L3 Managed 48-Port Ethernet Switch with 10Gb Uplink
Network port	48x1000M/100M/10M RJ45 port 4x10Gbps SFP+ optical port
PoE Port	1-4 ports support IEEE802.3af/at/bt, MAX 90W/port 5-48 ports support IEEE802.3af/at, MAX 30W/port
PoE Power Polarity	802.3af/at/bt: + on 1,2,4 and 5; - on 3,6,7 and 8 802.3af/at: + on 1 and 2; - on 3 and 6
Total PoE Power	MAX 600W
Management Port	1x console port RJ45
Reset Key	1
CPU	MIPS-34Kc dual-core 1GHz
DDR	4G DDR3
RAM	512MBytes
FLASH	512MBytes
Bandwidth	256Gbps
Packet Forwarding	160.7Mpps
MAC Address	32K
Cache	16M
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 12K; IPV6 supports 12K;
QoS Queuing	8
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).
LED Indicator	PWR: Power LED SYS: System LED 1-48: 10/100/1000M Link LED 49-52: 10Gb optical port link LED
Power Supply	Built-in power supply AC: 100-240Vac 50-60Hz 7.5A MAX 625W
Use environment	Operating temperature: -10~55 Celsius Storage temperature: -40~75 Celsius Operating humidity: 5%~90% non-condensing Storage humidity: 5%~95% non-condensing
Product Size Packing Size (LxWxH)	Product size: 440mmx360mmx45mm Package size: 553mmx403mmx93mm
N.W/G.W (kg)	5.6kg/6.4kg
Lightning Protection Level	6KV 8/20us; IP30
Installation	Desktop or 19" Rack mountable (brackets included)

Ordering Information

Model No.	Description
RB10-4804M-PSE	L3 Managed 48-Port PoE Switch, 48x1000M RJ45, 4x10G SFP+, 600W PoE budget, includes 4 high power 802.3bt(90w) capable ports, AC 90-240V input