RB-802L-PSE

OVERVIEW

The RB-802L-PSE is a web managed Layer 2 switch, with thorough security features, ACL/QoS and VLAN functions, and an easy to manage exclusive web GUI interface. Switch supports several network redundancy protocols such as STP/RSTP(<50ms) improving link backup and network. Port management, flow control, VLAN administration, IGMP and security policies are all performed through web management GUI interface. Casing is made of steel alloy, with robust mechanical and electrical tolerances. Switch is the perfect solution for a wide range of applications, including security network video surveillance, hospitality or campus networks, and small to medium-sized enterprise networking.

FEATURES

High-Speed Connectivity 8x10/100/1000M RJ45, 2x100M/1G SFP.

Standards Compliance IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3ae, and IEEE 802.3x standards, ensuring compatibility with a wide range of networking equipment.

Adaptive Ports All RJ45 ports support adaptive speed 10/100/100Mbps for a versatile network

Auto MDI/MDIX Support Automatically detects and configures wire connection type

Integrated LED Status Monitoring Integrated indicator lights provide real-time operating status

Efficient Flow Control
IEEE802.3x standard for full duplex flow control and Back-pressure standard for half duplex, enhancing data transmission reliability.

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SPECIFICATIONS

RB-802L-PSE	
Ports	8x10/100/1000Mbps RJ45 and 2x1G SFP
Reset button	1
PoE Ports	Port #1: IEEE802.3af/at/bt 90W max capable Ports #2-8: IEEE802.3af/at 30W max capable
Switching method	store and forward
Bandwidth	20Gbps
Packet Forwarding Rate	14.88Mpps
Network standards	IEEE802.3, IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x
Network port characteristics	10/100/1000BaseT(X) Automatic detection, full/half duplex MDI/MDI-X adaptive
Forwarding mode	store and forward (full line 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 100/1000M single-mode multi-mode optical module, the maximum distance ≤120km (depending on the optical module used).
LED Indicators	PWR: Power Indicator/System Signal Indicator (green) RJ45 left: PoE LED (orange) right: Link LED (green) 9-10: Optical port link indicator
No-load power consumption	≤3W
Power Input	100-240Vac 50/60Hz 1.8A 150W IEC connector
Operating environment	operating temperature: -10℃～55℃ storage temperature: -40℃～75℃ operating humidity: 10%～90%, RH noncondensing storage humidity: 5%～90%, RH noncondensing
Size (L x W x H)	Product size: 206x140x45mm Packaging size: 265x220x68mm
N.W/ G.W (kg)	0.96Kg/1.34Kg
Installation	Desktop/ Rack 19" (optional)
Lightning Protection level	Port lightning protection: 6KV 8/20us Dust and liquid protection: IP30
Warranty	1 year (accessories not included)

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Software	
System management	management through WEB pages static IP/DHCP SNTP time server User/password change MAC address customization
Port configuration	port opening/closing port flow control port rate control port user-defined description
PoE port (PoE port series only)	PoE port on/off PoE power control PoE watchdog
VLAN	802.1Q VLAN, MTU VLAN, port VLAN
L2 functions	QoS supports 8 port queues loop detection/spanning tree/RSTP/STP IGMP listening DHCP listening static link aggregation port mirroring port isolation bandwidth control macro frames EEE
Security	MAC binding MAC blocking Storm control
Monitoring	Port statistics
System tools	firmware upgrade configuration saving configuration backup and recovery software reset system restart and software reset manual/scheduled system restarts

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