



## PMH-24G500W / PMH-24G250W

24-PORT 10/100/1000BASE-T + 4-PORT 10G SFP+  
LAYER 2+ FULL MANAGEMENT HIGH POWER POE SWITCH



The switch is 24-port 10/100/1000Base-T + 4 10G SFP+ Open Slot Rack-mount L2+ Full Management Network Switch that is designed for medium or large network environment to strengthen its network connection. The switch supports 88G non-blocking switch fabric, the 24 gigabit ports and 4 10G ports can transmit and receive data traffic without any lost. The EEE feature reduces the power consumption when there is no traffic forwarding even port is still connected. The 10G uplink port design is available and important for high bandwidth uplink request when cascaded with other switch. The switch also supports Layer 2+ full management software features.

### 4 10 Gigabit SFP+ Open Slots

The switch equips with 4 10G SFP+ open slots as the uplink ports, the 10G uplink design provides an excellent solution for expanding your network from 1G to 10G. By 10G speed, this product provides high flexibility and high bandwidth connectivity to another 10G switch or the Servers, Workstations and other attached devices which support 10G interface. The user can also aggregate the 10G ports as Trunk group to enlarge the bandwidth.

### FEATURES :

- 24-Port Gigabit Copper + 4-port 10G SFP+
- 1G SFP/10G SFP+ Available
- 802.3az Energy Efficient Ethernet
- 88G Non-Blocking Switching Capability
- Layer 2+ Full Managed Software Features
- 4K VLAN, 8 queues QoS, Advanced VLANs
- MSTP, LACP, LLDP, sFlow,
- 802.1X, RADIUS, TACAS+, ACL
- IPv6, IPv4/v6 Multicast Filtering

### DIMENSIONS : (Unit : mm)

44x440x331



## SPECIFICATION :

Name	24-Port 10/100/1000Base-T + 4-Port 10G SFP+ Layer 2+ Full Management High Power PoE Switch
Model	PMH-24G500W / PMH-24G250W
Standards	Ethernet: IEEE 802.3, 802.3u, 802.3ab, 802.3ae IEEE 802.3az Energy Efficient Ethernet (EEE) Protocol: IEEE 802.3x - Flow Control, IEEE 802.1Q - VLAN, IEEE 802.1p - Class of Service, IEEE 802.1D - Spanning Tree, IEEE 802.1w - Rapid Spanning Tree, IEEE 802.1s - Multiple Spanning Tree, IEEE 802.3ad - Link Aggregation Control Protocol (LACP), IEEE802.1v - Protocol VLAN, IEEE 802.1AB - LLDP (Link Layer Discovery Protocol), IEEE 802.1X - Access Control
Interface	Number of Port: 28 10/100/1000Base RJ-45 Port : 24, Auto-negotiation, Auto MDI/MDIX 1G SFP/10G SFP+ : 4
Performance	Switching Capacity: 88G bps MAC Address Table Size: 32K Forwarding Rate: 95.2Mpps Packet Buffer: 4Mb
L2 Features	Flow Control: 802.3x (Full-duplex)ort/ Back-Pressure (Half-duplex) Spanning Tree: IEEE 802.1D-2004(Includes IEEE 802.1w): Rapid Spanning Tree Protocol 802.1s Multiple Spanning Tree Protocol Loop Detection VLAN: IEEE 802.1Q Tagged Based, Max. VLAN Group: 4K QinQ Port-based VLAN Voice VLAN Private VLAN MVR MAC-Based VLAN Protocol-Based VAN Link Aggregation: IEEE 802.3ad with LACP: 14 trunks/ up to 8 port per trunk Static Trunk: 14 trunks/ up to 8 port per trunk Max. Group:14 Max. Ports/Group:8 IGMP Snooping: IGMP Snooping v1/v2/v3 IPv6 MLD Snooping v1/v2 Queries support/ IGMP Filtering, IGMP Leave Proxy, Immediate Leave Storm Control: Broadcast/ Multi-cast/ Un-known Unicast Jumbo Frame Support: 10K
PoE Features	802.3af/at Compliant Max. Power Output Per Port: 30W Power Consumption : 250W / 500W Current Sharing Internal Power: In PD Classification Power Management: Enable/Disable per-port Priority Setting per-port Overloading Protection per-port Power Level Setting per-port
QoS Features	Number of Priority queue: 8 queues/ port Scheduling for priority queue : WRR/Strict Priority scheduling/Hybrid CoS :802.1p/ IP Precedence/ IP TOS Precedence IP DSCP/ Port based Priority Rate Limiting: Ingress/Egress: 1Kbps/ 1pps granularity DiffServ (RFC2474) remarking
Security	User Name / Password Protection User Privilege: up to 15 levels IEEE 802.1x: Port-based Access Control IP Source Guard MAC Based Authentication Web-based Authentication HTTPS SSHv2 RADIUS: Authentication/ Accounting TACACS+: Authentication ACL (Access control list)
Management	Command Line Interface (CLI) Web Based Management Telnet Access Management Filtering: SNMP/ WEB/SSH/TELNET/ SNMP: v1/v2c/v3 RMON: RMON (1,2,3, & 9 groups) DHCP: Client/ Relay/ Option82/ Snooping Event/Error Log: Local Flash/ Remote Server Software Download/ Upgrade: HTTP Configuration Download / Upload sFlow Port Mirroring: One to One/ Many to One Remote Ping NTP/LLDP UPnP EEE Configuration Cable Diagnostics IPv6 Configuration
Power Input	100~240VAC
Dimension mm(H*W*D)	44x440x331
Weight	3.0 kg
Operating Temperature	0 to40°C
Humidity	5-90% (non-condensing)
Certification	CE, FCC Class A

