



24-Port Gigabit Layer 2 Managed PoE Switch PSRGM3024GS

- ✓ AI Smart POE Switch
- ✓ 24*1000Mbps RJ45 port
- ✓ 2*1000Mbps SFP port

- Supports the management of Apollo cloud.
- Standard mode: All ports communicate freely.
- AI VLAN: Avoid the internet storm and enhance the network ability.
- AI Extend: Extend 250M transmission.
- AI PoE: Automatic self-checking.



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HARDWARE TECHNICAL SPECIFICATION

| Switch | PSRGM2010G |
|-----------------------------|--|
| Network Standard | IEEE 802.3i IEEE 802.3u IEEE 802.3x IEEE 802.3ab IEEE 802.3af IEEE 802.3at |
| Port | 24 10/100/1000Mbps RJ45 port 2 gigabit SFP 1 Console |
| PoE | 24↑10/100/1000Mbps RJ45 port Support PoE + max 250W Single port max 46W |
| LEDs | 18 Link/Act LEDs 16 POE LEDs 1 SYS LED 1 Power LED |
| Performance | Forwarding mode: store and forward Bandwidth : 52Gbps Packet forwarding rate : 38.68Mpps 8K MAC address table |
| Lightning Protection | 6KV |
| Input power | 100-240V/50-60Hz |
| Environmental | Operating Temperature: 0~40°C Storage Temperature : -40~70°C Operating Humidity: 10%~90%, non-condensing Storage Humidity: 5%~95%, non-condensing |
| Dimensions | Size (LxWxH) : 440mm×180mm×44mm |

SOFTWARE TECHNICAL SPECIFICATION

| Switch | PSRGM2010G |
|-----------------------------------|--|
| Protocol Standard | IEEE 802.3: Ethernet Media Access Control (MAC) Protocol IEEE 802.3: Ethernet Media Access Control (MAC) Protocol IEEE 802.3u:100BASE-TX Fast Ethernet IEEE 802.3ab:1000BASE-T Gigabit Ethernet IEEE 802.3z:1000BASE-X Gigabit Ethernet (fiber) IEEE 802.3ad: Standard method for performing link aggregation IEEE 802.3x: flow control IEEE 802.1p: LAN Layer 2 Qos/Cos protocol for traffic priority (multicast filtering) IEEE 802.1q: VLAN IEEE 802.1d: STP Spanning tree IEEE 802.1s: MSTP Spanning tree IEEE 802.1w: RSTP Spanning tree IEEE 802.3af IEEE 802.3at |
| Shortcut Function | One key VLAN One key Extend (1-8 port 250meters PoE distance) One key AI POE One key QOS (Video priority) |
| DHCP | Support DHCP Snooping |
| VLAN | Support 4K VLAN Support 802.1Q VLAN、MAC VLAN, IP VLAN Voice VLAN |
| MAC Address Table | Comply the IEEE 802.1d standard Support Support MAC address learning and aging automatically Static, dynamic, filter address table |
| Safety | Password protection Support based on the port number, IP address, MAC address restrictions on user access Support HTTPS、SSL V3、TLS V1、SSH V1/V2 Support IP-MAC-PORT ternary binding Support ARP protection, IP source protection, DoS protection Support DHCP Snooping、DHCP attack protection Support 802.1X certificated、AAA Support port security, port isolation Support CPU protection |
| POE Management | Support POE power limit Support POE chip status view Support setting PoE port priority Support setting PoE power supply time period |
| Access Control (ACL) | Support L2 (Layer 2) ~ L4 (Layer 4) packet filtering Support port mirroring, port redirection, flow rate limiting, QoS re-marking |
| Dimensions | Size (LxWxH) : 440mm×180mm×44mm |
| Storm suppression | Support multicast suppression Support broadcast suppression Support unknown unicast suppression |
| Link aggregation | Support static aggregation Support dynamic aggregation Support IP, MAC, and hybrid load balancing modes Supports up to 32 aggregation groups |
| IPv6 | Support IPv6 Ping、IPv6 Tracert、IPv6 Telnet Support IPv6 SSH、IPv6 SSL |
| Management and Maintenance | Support WEB network management (HTTP, HTTPS, SSL V3) Support CLI (Telnet, SSH V1/V2, local serial port) Support SNMP V1/V2/V3 Support LLDP、RMON Support ARP protection, IP source protection, DoS protection Support CPU monitoring, memory monitoring Support system log, grading warning Support Ping, Tracert detection, cable detection |