LA-SWM2-G0432P

# Managed Gigabit 32Port PoE Switch, 32 x 10/100/1000Mbps RJ45 + 4 x Gigabit SFP

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**Introduction**

LA-SWM2-G0432P series is a Layer-2 managed switch (supporting PoE function). It has 32 x 10/100/1000Mbps adaptive RJ45 ports and 4 x SFP Gigabit optical ports (Optional 2Combo TX/SFP). Each RJ45 port supports MDI/MDIX auto flip and wire-speed forwarding functions. Ports 1-32 can support PoE power supply, follow the IEEE802.3af/at standard, and can be used as a power-over-Ethernet device. It can automatically detect and identify the power-receiving device that meets the standard, and supply power to it through a network cable. Using store-and-forward mode, combined with QoS technology, to ensure that the bandwidth is effectively allocated to each port, it provides stable and reliable power and data transmission for high-power AP, network cameras, PTZ network dome cameras, PoE lighting and other security monitoring equipment.

**Specifications**

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| PART NO  | LA-SWM2-G0432P |
| Provider Mode Ports |
| Fixed Port | 32\*10/100/1000 Base－T + Uplink 4\*1000 Base-X (Optional 2Combo TX/SFP)  |
| Management Port | Support console |
| Power Interface | 220V/AC Interface |
| LED Indicators | PWR，SYS，Link/ACT LED |
| Cable Type & Transmission Distance |
| Twisted-pair | Non PoE: 0-100m (CAT5e, CAT6)PoE (1000Mbps): 0-100m (CAT5e, CAT6)PoE (10Mbps): 0-250m (CAT5e, CAT6) |
| Mono-mode Optical Fiber | 20/40/60/80/100KM |
| Multi-mode Optical Fiber | 550m |
| Network Topology |
| Ring Topology | Support |
| Star Topology | Support |
| Bus Topology | Support |
| Tree Topology | Support |
| Hybrid Topology | Support |
| Electrical Specifications |
| Input Voltage | AC 100-240V 50/60Hz |
| Total Power Consumption | Non PoE full load ＜40WPoE full load ＜440W |
| PoE Support (Optional) |
|  PoE Port | 1-32 |
| PoE Protocol | 802.3af，802.3at |
| Pin Assignment | 1,2+；3,6- |
| PoE Management | Support |
| Layer 2 Switching |
| Switching Capacity | 72G |
| Packet Forwarding Rate | 53.568 Mpps |
| MAC Address Table | 16K |
| VLAN | Support 4K |
| Buffer | 12M |
| Forwarding Delay | <10us |
| MDX/MIDX | Support |
| Flow Control | Support |
| Jumbo Frame | Support 10Kbytes |
| Spanning Tree | Support STP/RSTP/MSTP |
| Ring Protocol | Support ERPS |
| Link Aggregation | Support 12 pairs |
| Multicast | Support IGMP Snooping |
| Port Mirroring | Support |
| Storm Control | Support |
| Interface Counters | Support |
| QINQ | Support |
| 802.1X | Support |
| Radius/Mac Approve | Support |
| Port Isolation | Support |
| Rmon | Support |
| NTP Client | Support |
| DHCP Client | Support |
| DHCP Snooping | Support |
| Ping/Tracert Test | Support |
| Fiber Transceivers DDM | Support |
| Convergence |
| ACL | Support ACL 500Support IP standard ACLSupport MAC extend ACLSupport IP extend ACL |
| QoS | Support QoS re-marking, priority mappingSupport SP, WRR queue schedulingSupport entry and exit speed limitSupport flow-based QoS |
| Management |
| CLI | Support |
| Console | Support |
| Telnet/SSH | Support |
| WEB Management | Support |
| Management IP | Support IPV4/IPV6 |
| SNMP | Support SNMPv1/v2c/v3 |
| User Management | Support |
| System Log | Support |
| Configuration File Download/Upload | Support |
| Upgrade Firmware | Support |
| Environment |
| Operating Temperature | POE: -25℃~+60℃Non POE: -25℃~+70℃ |
| Storage Temperature | -40℃~+70℃ |
| Relative Humidity | 5%~95% non-condensing |
| Thermal Methods | Non PoE: Fanless design, natural heat dissipationPoE: forced cooling by fan |
| MTBF | 100,000h |
| Mechanical Dimensions |
| Product Size | 440\*290\*44mm |
| Installation Method | Rack mount |
| Weight | Non PoE: 3.3kgPoE: 4.0kg |
| EMC & Ingress Protection |
| Surge Protection of Power | Common mode 6KV, differential mode 6KV |
| Surge Protection of Ethernet Port | Common mode 4KV |
| ESD | Contact 8K, air 15K |
| Free Fall | 0.5m |
| Accessories |
| Accessories | Equipment, power cord, certificate, user manual, dust plug |

**Ordering Information**

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| PART NO | DESCRIPTION |
| LA-SWM2-G0432 | Managed Ethernet Switch, 32 x 10/100/1000 Base-T RJ45Uplink 4 x 1000 Base-X SFP (Optional with 2Combo TX/SFP)AC100-240V 50/60Hz |
| LA-SWM2-G0432P | Managed PoE Ethernet Switch, 32 x 10/100/1000 Base-T RJ45 with PoEUplink 4 x 1000 Base-X SFP (Optional with 2Combo TX/SFP)AC100-240V 50/60Hz |