10-Port Gigabit Easy Managed PoE Network Switch PLN-1108GB-2SFP-CM-C



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Overview:

The PLN-1108GB-2SFP-CM-C is a Gigabit Easy managed PoE fiber switch. It has 8*10/100/1000Base-T adaptive RJ45 ports and 2*1000Base-X uplink SFP fiber ports. Port 1-8 can support the IEEE802.3af/at PoE standard, and single-port PoE power is 30W.

FEATURES:

- Support non-blocking wire-speed forwarding.
- Support full-duplex based on IEEE802.3x and half-duplex based on Backpressure.
- Support Gigabit RJ45 port and SFP fiber port combination, which enables users to flexibly build networking to meet the needs of various scenarios.
- Support remote PoE management, realize remote on/off of PoE ports, port power status check, port fault query, etc.
- Comply with IEEE802.3af/at PoE standard, automatically identify PoE devices for power supply, and not damage non-PoE devices.
- 8*10/100/1000Base-T RJ45 ports can support PoE power to meet the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
- Support real-time fault alarm and fault location.
- Support remote upgrade, remote restart, and restore factory settings.
- Cloud platform and mobile APP operation and maintenance management, visual port control, network topology management, VLAN division.
- Web network management functions include QoS, link aggregation, ring network management, port mirroring, port control, and bandwidth management.
- Based on the needs of industry applications, the complex network management configuration is abandoned, and practical network management functions are retained. Network deployment and centralized operation and maintenance can be quickly realized through the operation and maintenance platform.
- CCC, CE, FCC, RoHS.
- The user-friendly panel can show the device status through the LED indicator of PWR, SYS, Link, and L/A.
- Low power consumption, galvanized steel housing, and excellent heat dissipation to ensure the stable operation of the switch. Standard data center switching between front-back mode and back -front mode deign and fan automatic speed regulation.
- Equipped with ASIC switching chip and multi-core processor, with switching capacity of 1.28Tbps, meeting the high performance, high capacity, high density, and scalability requirements of the data center.

Model	**PLN-1108GB-2SFP-CM-C**
Fixed Port	8*10/100/1000Base-T PoE ports (Power/ Data 2*100/1000Base-X uplink SFP fiber ports (Data)
Ethernet Port	Port 1-8 can support 10/100/1000Base-T(X) auto-sensing, full/ half duplex MDI/ MDI-X self-adaption
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP (≤100 meters) 100BASE-TX: Cat5 or later UTP (≤100 meters) 1000BASE-T: Cat5e or later UTP (≤100 meters)
Optical Fiber Port	Default no include optical module (optional single-mode/ multi-mode, single fiber/ dual fiber optical module. LC).
Optical Cable/ Distance	Multi-mode: 850nm/ 0-550m, Single-mode: 1310nm/ 0-40km, 1550nm/0-120km.
Network Management Type	L2 (Web management, platform management)
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE802.3z 1000Base-X, IEEE802.3x
Forwarding Mode	Store and forward (Full wire speed)
Switching Capacity	20Gbps (non-blocking)
Forwarding Rate@64byte	14.88Mpps
MAC	8K
Buffer Memory	2M
Jumbo Frame	9.2K
LED Indicator	Power: PWR (Green), System: SYS (Green), Network: Link (Yellow), Fiber port: L/A(Green)
Reset Switch	Press and hold for 6s and release to restore the factory settings, short press 2 times (1s interval) to switch to the unmanaged state
PoE Port	Port 1-8
PoE Management	Port PoE output on/off, Port PoE working status display
Power Supply Pin	1/2(+) 3/6(-)
Max Power Per Port	30W, IEEE802.3af/at
Total PWR/ Input Voltage	120W/ (AC100-240V)
Power Consumption	Standby<5W, full load<120W
Power Supply	Built-in power supply, AC100~240V 50-60Hz, 2.0A
Operation Temp/ Humidity	-20°C~+55°C, 5%~90% RH non condensing
Storage Temp/ Humidity	-40°C~+80°C, 5%~95% RH non condensing
Dimension (L*W*H)	270*181*44.5mm
Net /Gross Weight	1.3kg/ 1.8kg
Installation	Desktop, wall mount, 1U/19” cabinet
Lightning Protection	Lightning protection: 4KV 8/20us, Protection level: IP30
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15, RoHS
Interface	Port status display, Port traffic statistics Port duplex/negotiation rate configuration EEE Energy-saving and green Ethernet function IEEE802.3x flow control configuration (Full-duplex)
VLAN	Port-based IEEE802.1Q VLAN configuration (4K)
Port Aggregation	Static aggregation
Loop Protection	Loop protection function, Prevent ring network failure function

Multicast	IGMP Snooping v1/v2, Max 256 multicast groups
Mirroring	Bidirectional data mirroring based on port
QoS	Diff-Serv QoS, Priority Mark/ Remark 8*Output queues of each port, 802.1p/DSCP priority mapping
Security	Broadcast storm control, Port isolation, Port speed limit
DHCP	DHCP Snooping
Management	Cable Diagnose, Web Management One-key recovery, NMS cloud platform management Mobile APP operation and maintenance management
System	Web browser: Mozilla Firefox 2.5 or higher, Google Chrome V42 or higher, Cat5 and above Ethernet cable TCP/IP, network adapter, and network operating system (such as Microsoft Windows, Linux, Mac OS X) installed on each computer in the network Cat5 and above Ethernet cable

DIMENSION:

