

CSL3LR-04C16GP-Z300w

L3 Lite Managed Ethernet PoE Switch

16x10/100/1000Base-T PoE+, 4xGigabit Combo (RJ45/SFP)



Overview

This switch features 16x 10/100/1000Base-T PoE+ ports and 4x Gigabit combo ports (RJ45/SFP), providing flexible connectivity for modern business networks. Each PoE+ port can supply up to 30W, enabling seamless support for IP phones, wireless access points, IP cameras, and other PoE-enabled devices without the need for separate power adapters. Layer 3 Lite management provides VLAN segmentation, QoS, and basic routing, making it ideal for SMB and enterprise networks where reliable power and simplified management are essential. Its RJ45 ports support auto - MDI/MDIX and wire-speed forwarding for efficient data transfer. Employing the store - and - forward method along with QoS technology, it ensures rational bandwidth allocation per port.

Features

- Transfer data for network surveillance cameras
- 16 x 10/100/1000Mbps RJ45 Ports PoE+, 2 x 100/1000Mbps SFP+ Ports, 1 x Console Port
- Support IEEE802.3/IEEE802.3i/IEEE802.3u/IEEE802.3ab/IEEE802.3z, store-and-forward
- Ethernet port supports 10/100/1000M adaptive and PoE functions
- Panel indicator monitoring the status and help failure analysis
- Support 802.1x port authentication, support AAA authentication, support TACACS+ authentication
- DOS attack defense settings, ACL settings
- Support WEB, TELNET, CLI, SSH, SNMP, RMON management
- Lightning Protection Surge: General Mode 4KV, Differential Mode 2KV, ESD 15KV

Specifications

Fixed Port	4*100/1000 Combo, 16*10/100/1000 Base — T
Management Port	Console
Power Interface	AC triangular seat
LED Indicators	PWR, SYS, Link/ACT LED
Cable Type & Transmission Distance	
Twisted-pair	0-100m (CAT5e, CAT6)
Single 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	≤300w
Main Board Power	<20w
PoE Support	
PoE Port	1-16
PoE Protocol	IEEE802.3 af/at
Pin Assignment	1,2+; 3,6-
PoE Management	Support
Layer 2 Switching	
Switching Capacity	56Gbps
Packet Forwarding Rate	29.76Mpps
MAC Address Table	8K
Buffer	4.1M
Forwarding Delay	<10us
MDX/MIDX	Support

VLAN	256
GVRP	Support
Protocol VLAN	Support
Voice VLAN	Support
Surveillance VLAN	Support
MAC VLAN	Support
Ethernet Channel/ 802 .3ad	Support
LACP	Support
Interface Speed	Support
Duplex Mode	Support
Flow Control	Support
Jumbo Frame	Support
DHCP Server	Support
DHCP Client	Support
DNS Client	Support
SNTP Client	Support
Port Statistics	Support
Protected Ports	Support
EEE	Support
Ethernet Ring Protection Switching	Support
LLDP	Support
LLDP 802.1 TLV	Support
MSTP / RSTP / STP	Support
STP BPDU Filter	Support
STP BPDU Guard	Support
STP Port Fast	Support
IGMP Snooping	Support
MLD Snooping	Support
MVR	Support
DHCP Interface Priority IP Binding	Support
Device Scanning	Support

Layer 3 Function

IPv4 Management Address	Support
IPv6 Management Address	Support
Static Routes IPv4	Support 32 articles
Static Routes IPv6	Support 32 articles
ARP	Support
Loop back Interface	Support
DHCP Server	Support
DNS Server	Support
DNS Client	Support

Convergence

ACL	Support MAC standard/extended ACL Support IPv4 standard/extended ACL Support IPv6 standard/extended ACL
QOS	Support QOS remarking Support port trust Support port speed limit Support export queue rate limit Support SP, WRR scheduling algorithm Support COS mapping, DSCP mapping, IP priority mapping

Management

User Management	Support
System Log	Support
Upgrade Firmware	Support
Configuration File Download/Upload	Support
SNMP	Support SNMPv1/v2c/v3
WEB Management	Support
Console	Support
CLI	Support
Telnet/SSH	Support
RMON	Support

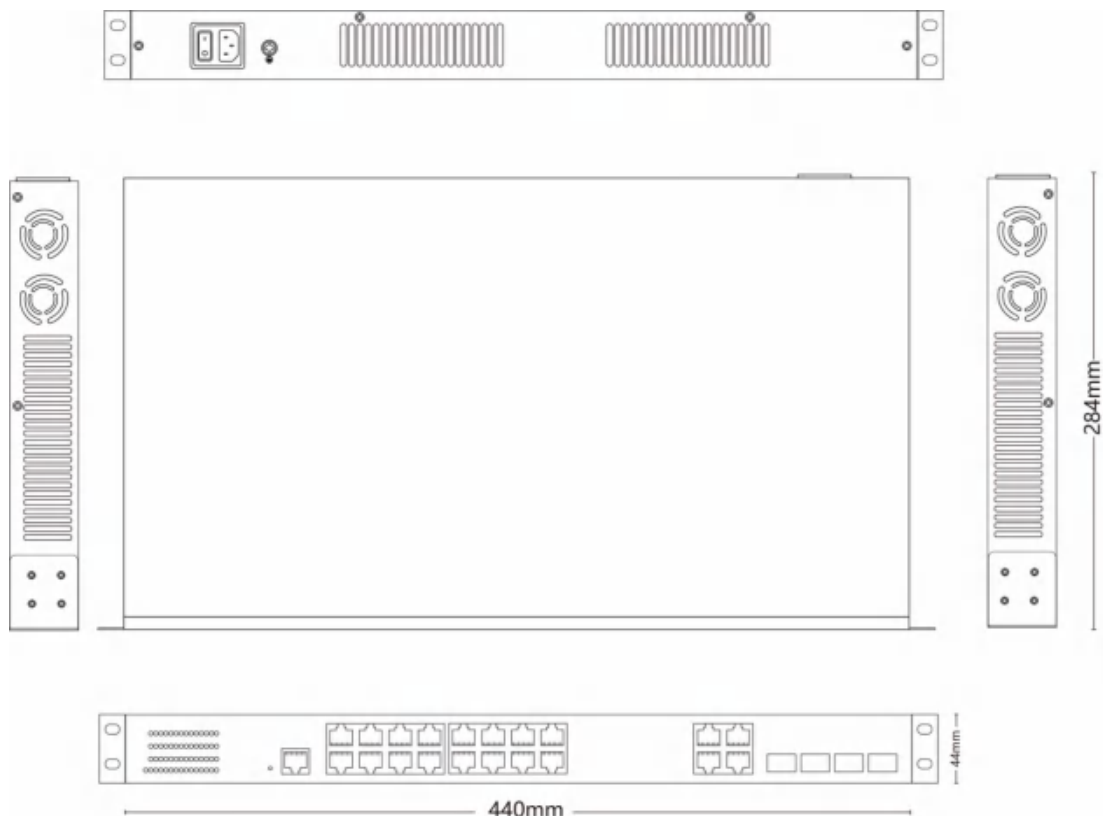
Security

Management Channel Configuration	Support
AAA	Support

802.1X	Support
MAC-Based	Support
WEB-Based	Support
DoS Attack Prevention	Support
Dynamic ARP Check	Support
DHCP Snooping	Support
IP Source Guard	Support
Port Security	Support
Protected Port	Support
Storm Control	Support
Equipment Diagnosis	
Console Log	Support
RAM Log	Support
Flash Log	Support
Port Mirroring	Support 1:1 or M:1
Ping	Support
Trace Route	Support
Electrical Port Test	Support
Optical Module Information	Support
UDLD Protocol	Support
Environment	
Operating Temperature	-10°C~+50°C
Storage Temperature	-40°C~+70°C
Relative humidity	10%~ 90% RH
Thermal Methods	Fan cooling
MTBF	100,000 hours
Mechanical Dimensions	
Product Size	440x284x44mm
Installation Method	Rack-mount installation
Net Weight	3.4kg
EMC & Ingress Protection	
Surge Protection of Power	Common mode 6KV, differential mode 2KV

Surge Protection of Ethernet port	Common mode 4KV, differential mode 2KV
ESD	Contact 8K, air 15K
Free Fall	0.5m
Certification	CE, FCC, RoHS

Dimension



Ordering Information

P/N	Description
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Specifications & design are subject to change without prior notice.

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