

CSL3R-04X24GP-U-Z400w

Layer3 Managed Switch 4x10G SFP+24x10/100/1000Base-T, PoE+ 400w



Overview

CSL3R-04X24GP-U-Z400w is a high-performance Layer 3 managed switch featuring 4x10G SFP+ uplinks and 24x10/100/1000Base-T ports with PoE+ support up to 400w. Designed for enterprise and campus networks, it delivers advanced routing, seamless scalability, and reliable power for IP cameras, APs, and other powered devices. Offering 10/100/1000Mbps auto negotiation, 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
- 24 x 10/100/1000Mbps RJ45 Ports PoE+, 4 x 10G SFP+ Ports, 1 x Console Port , 1x USB 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*1G/10G Base-X+24*10/100/1000 Base-T
Management Port	Support console
Power Interface	AC Interface
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	≤400w
Main Board Power	≤34W
PoE Support	
PoE Port	1-24
PoE Protocol	IEEE802.3 af/at
Pin Assignment	1,2+; 3,6-
PoE Management	Support
Layer 2 Switching	
Switching Capacity	128G
Packet Forwarding Rate	95.23Mpps
MAC Address Table	16K
Buffer	12M
Forwarding Delay	<10us
MDX/MIDX	Support

VLAN	4000
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

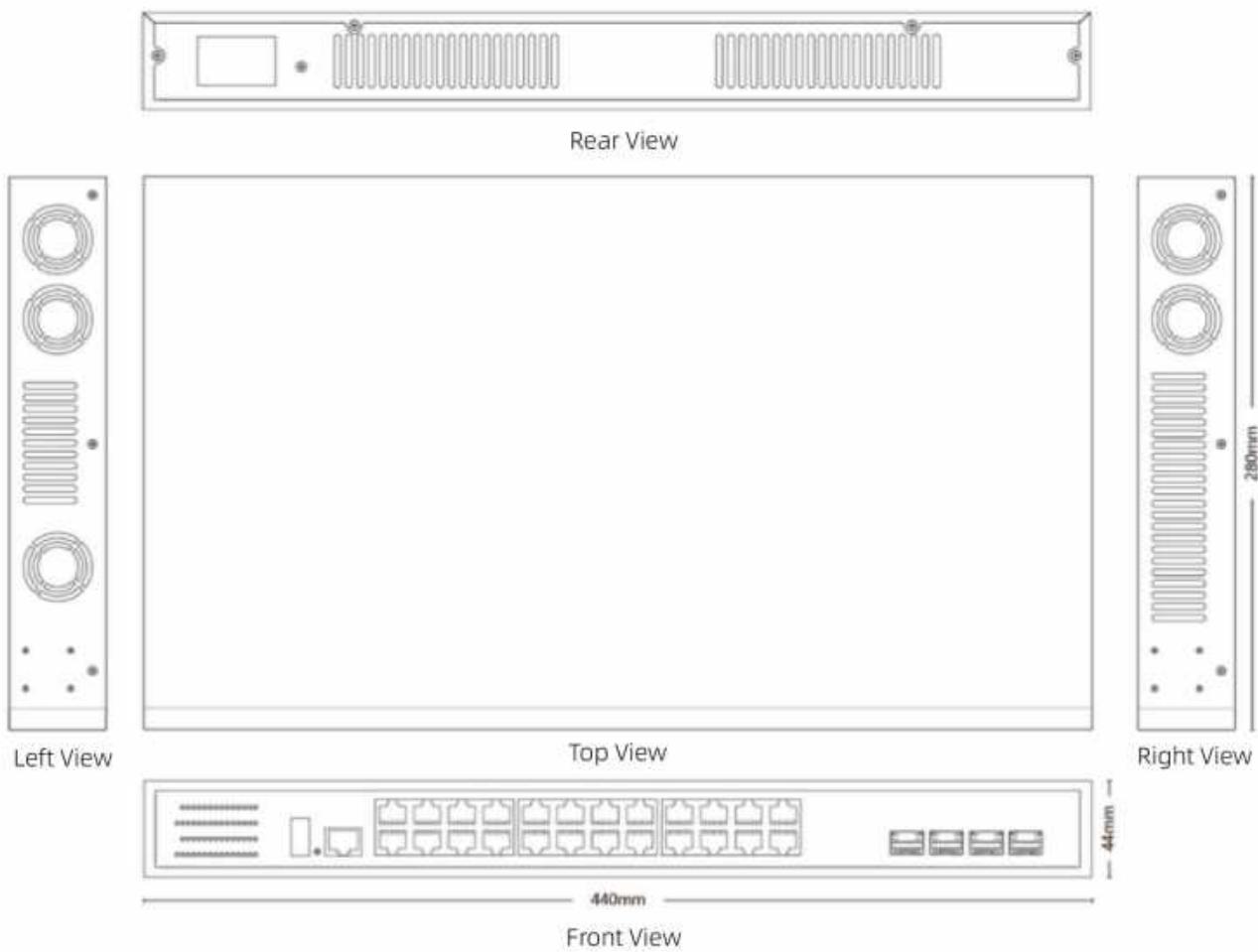
Layer 3 Function

IPv4 Management Address	Support
IPv6 Management Address	Support
Dynamic Routes IPv4	OSPF, RIP
Static Routes IPv6	Support
VRRP	Support
ARP	Support
Loopback interface	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
Operating Humidity	10%~ 90% RH
Storage Humidity	5%~ 90% RH
Thermal Methods	Fan cooling
MTBF	100,000 hours
Mechanical Dimensions	
Product Size	440*280*44mm
Installation Method	Rack mount
Weight	3KG
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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