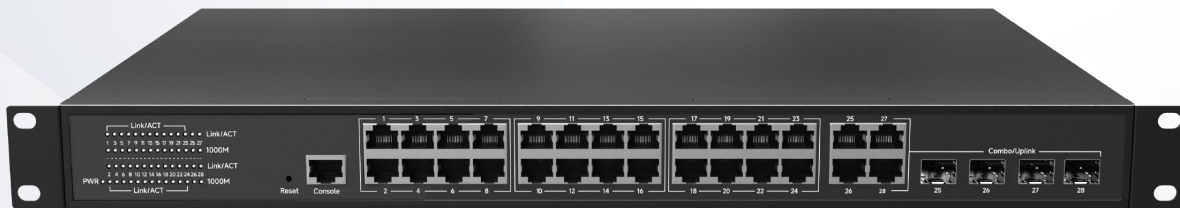


LA-SWM2R-GC0424-AD-Z

Layer 2+ Managed Ethernet Switch 24x10/100/1000M RJ45, 4x1000M Combo (RJ45/SFP)



Overview

LA-SWM2R-GC0424-AD-Z is a Gigabit Layer 2+ Managed Ethernet Switch, features 24x10/100/1000Mbps adaptive RJ45 ports and 4x1000Mbps combo ports, and ports 25-28 designated as uplink interfaces. Each RJ45 port supports auto MDI/MDIX and full line-speed forwarding, ensuring seamless connectivity. Utilizing a store-and-forward switching method and incorporating QoS technology, the device guarantees efficient bandwidth allocation to each port, providing both stable power delivery and reliable data transmission.

Features

- 24x10/100/1000Mbps RJ45 Ports, 4x10/100/1000Mbps Combo Ports, 1 x Console Port
- Input Voltage: AC100~240V / DC12V
- Working Temperature: -10°C~+55°C
- Shell: Fan-less design, natural cooling
- Certificates: CE/RoHS/FCC
- Anti-static: 8KV-15KV
- MTBF: 100,000hours

Specification

Provider Mode Ports	
Fixed Port	24x10/100/1000M RJ45, 4x1000M Combo (RJ45/SFP)
Management Port	Support Console
Power interface	AC220V interface, DC12V Interface
LED Indicators	PWR, SYS, Link/ACT LED
Cable Type & Transmission Distance	
Twisted-pair	0-100m (CAT5e, CAT6)
Single Mode Fiber	20/40/60/80/100KM
Multimode Optical Fiber	550m
Network Topology	
Ring topology	Support
Star topology	Support
Bus topology	Support
Tree Topology	Support
Hybrid topology	Support
Electrical Specifications	
Input Voltage	AC100~240V / DC12V
Total Power Consumption	≤20W
Layer 2 Switching	
Switching Capacity	56Gbps
Packet Forwarding Rate	41.616Mpps
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
EtherChannel/802.3ad	Support
LACP	Support
Interface Speed	Support
Duplex Mode	Support
Flow Control	Support
Jumbo Frame	Support
DHCP 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
Layer 3 Route	
IPv4 Management Address	Support
IPv6 Management Address	Support
Static Routes IPv4	Support 32
Static Routes IPv6	Support 32
ARP	Support
Loopback Interface	Support
DHCP Server	Support
DNS Server	Support
DNS Client	Support

Convergence

ACL	Support MAC standard/expand ACL Support IPv4 standard/expand ACL Support IPv6 standard/expand ACL
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QoS	Support QoS re-marking, port trust Support port rate limiting Support egress rate-limited Support SP, WRR queue scheduling Support COS mapping, DSCP mapping, IP priority mapping
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Management

User Management	Support
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System Log	Support
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Upgrade Firmware	Support
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Configuration File Download/Upload	Support
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SNMP	Support SNMP V1/V2/V3
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WEB Management	Support
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Console	Support
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CLI	Support
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Telnet/SSH	Support
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RMON	Support
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Security

Management Channel Configuration	Support
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AAA Authentication	Support
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802.1X Authentication	Support
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MAC-Based Authentication	Support
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WEB-Based Authentication	Support
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DoS Anti-attack	Support
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Dynamic ARP Check	Support
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DHCP Snooping	Support
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IP Source Guard	Support
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Port Security	Support
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Protected Ports	Support
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Storm Control	Support
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Equipment Diagnosis

Console Log	Support
RAM Log	Support
Flash Log	Support
Port Mirroring	Support 1:1 or M:1
Ping	Support
Traceroute	Support
Copper Port Test	Support
DDM	Support
UDLD Protocol	Support

Environment

Operating Temperature	-10°C~+55°C
Storage Temperature	-40°C~+70°C
Operating Humidity	10%~90% RH
Storage Humidity	5%~90% RH
Thermal Methods	Fan-less design, natural cooling
MTBF	100,000 hours

Mechanical Dimensions

Product Size	440x280x44mm
Installation Method	Rack-mount
Weight	3.6KG

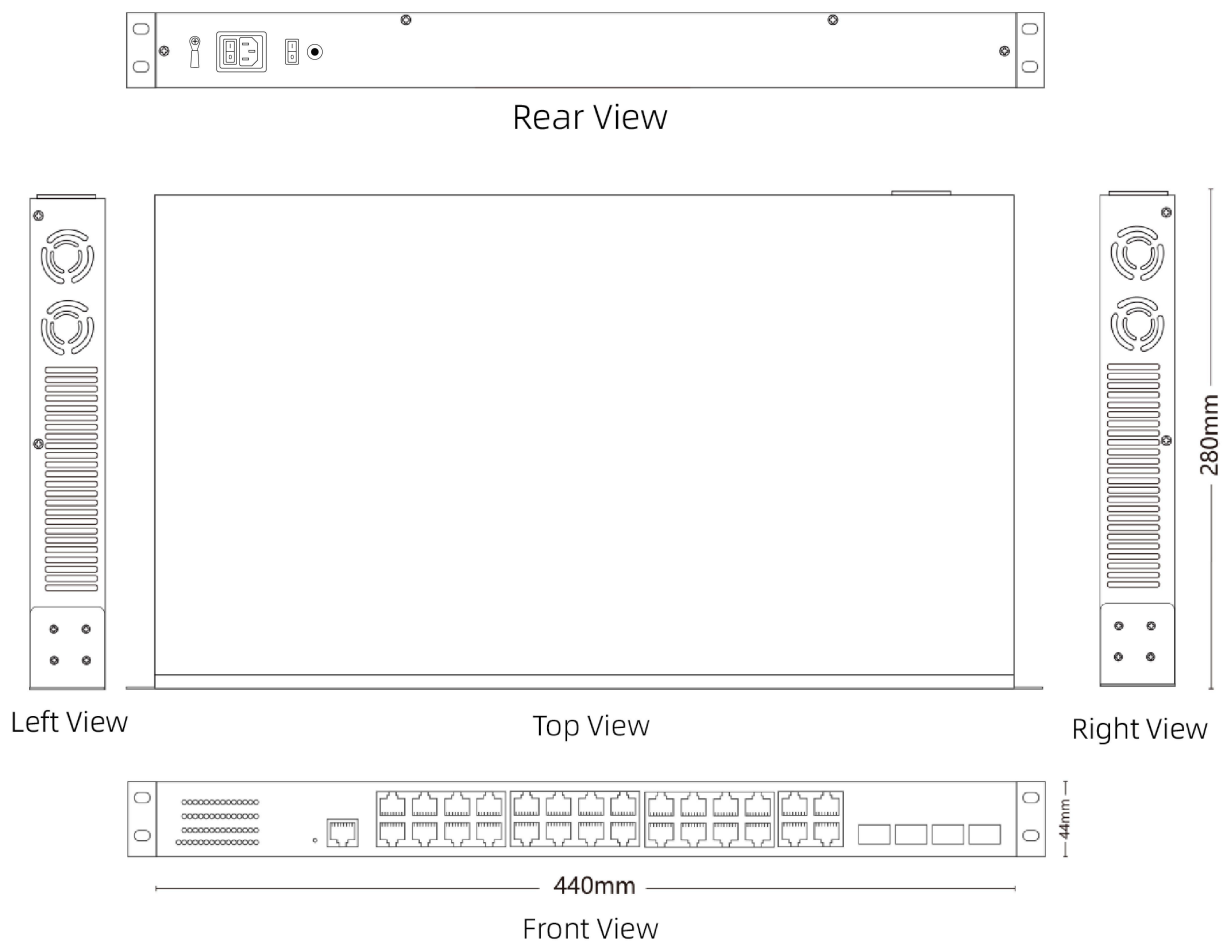
EMC & Ingress Protection

Surge Protection of Power	Common Mode: 4KV; Differential Mode: 2KV
Surge Protection of Ethernet port	Common Mode: 6KV; Differential Mode: 2KV
ESD	Contact: 8K; Air: 15K
Free fall	0.5m

Certification

Certificates	CE, FCC, RoHS
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Dimension



Ordering Information

P/N	Description
LA-SWM2R-GC0424-AD-Z	Layer 2+ Managed Ethernet Switch 24x10/100/1000M RJ45, 4x1000M Combo (RJ45/SFP) AC100~240V / DC12V



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Specifications & design are subject to change without prior notice.

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