



## S200-28XGM-X4-ACR

### Managed L3 Switches

**Input Voltage :** AC 100-240V 50/60Hz

**Working Temp. :** -10°C ~ +50°C

**Heat dissipation method:** fan forced heat dissipation

**Test Reports :** CCC/CE/FCC/RoHS

**Anti-static :** 8KV-15KV

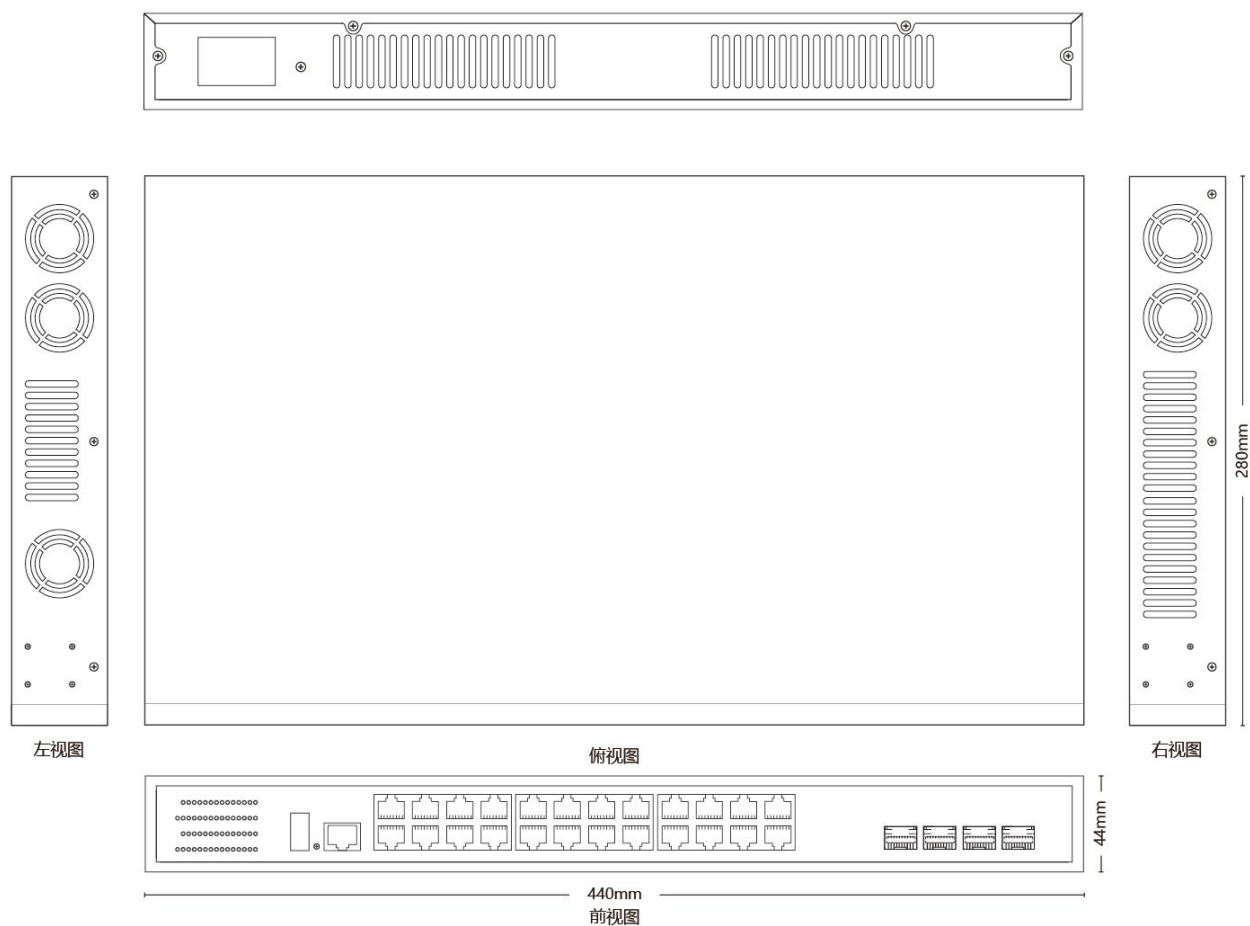
**MTBF :** 100000 Hours



## Product View

S200-28XGM-X4-ACR L3 managed switch features 24\* 10/100/1000Mbps RJ45 ports and 4 10G SFP optical Ports. Each RJ45 port supports MDI/MDIX auto-flip and wire-speed forwarding functions. Adopting store-and-forward mode, combined with QoS technology to ensure effective bandwidth allocation to each port, providing stable and reliable power and data transmission.

## Size



## Product parameters



### Provider Mode Ports

Fixed port	4*10G Base-X+ 24*10/100/1000 Base - T
Management Port	Support Console
LED ( LED Indicators )	PWR , SYS , Link/ACT LED PWR , Link/ACT LED
Power interface	220V/AC

## Cable type&Transmission distance

Twisted-pair	0-100m ( CAT5e,CAT6 )
Monomode optical fiber	20/40/60/80/100KM
Multimode optical fibre	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	≤40W

## Layer 2 Switching

Switching capacity	128G
Packet forwarding rate	95.23Mpps
MAC address table	16K
Buffer	12M bit
Forwarding delay	<10us
MDI/MDIX	Support
Jumbo Frame	Support
VLAN	4000
GVRP	Support
Protocol VLAN	Support
Voice VLAN	Support
Surveillance VLAN	Support
MAC VLAN	Support
Etherchannle/ 802 .3ad	Support
LACP	Support
Interface Speed	Support
Duplex Mode	Support
Flow Control	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 Function

IPV4	Support
IPV6	Support
Dynamic Routes IPv4	Support
Static Routes IPv6	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 remark
	Support port trust
	Support port speed limit
	Support export queue speed 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 SNMP V1/V2/V3
WEB	Support
Console	Support
CLI	Support
Telnet/SSH	Support
RMON	Support

## Security

Managed channel configuration	Support
AAA	Support
802.1X	Support
MAC-Based	Support
WEB-Based	Support
DoS attack prevention	Support
Dynamic ARP inspection	Support
DHCP Snooping	Support
IP Source Guard	Support
Port Security	Support
Protected Ports	Support
storm control	Support

## Equipment Diagnosis

Console Log	Support
RAM Log	Support
Flash Log	Support
Port Mirroring	Support 1 : 1 Or 1 : M
Ping	Support
Trace route	Support
Electrical port test	Support
Optical module information	Support
UDLD	Support

## Mechanical Dimensions

Product size	440*284*44mm
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Installation Method	Rack Mounted
Weight	3 KG

## Environment

Operating temperature	-10°C~+50°C
Storage temperature	-40°C~+75°C
Relative humidity	Working: 10% to 90% RH; Storage: 5% to 90% RH
Thermal methods	Fan forced cooling
MTBF	100,000 Hours

## EMC&INGRESS PROTECTION

Free fall	0.5m
Surge protection of Power	IEC 61000-4-5 Level 3 (4KV/2KV )
Surge protection of Ethernet port	IEC 61000-4-5 Level 3 (6KV/2KV )
ESD	IEC 61000-4-2 Level 4 ( 8K/15K )

## Authentication

Authentication	CCC/CE/FCC/RoHS
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## Accessories

Accessories	Equipment, power cord, certificate of conformity, manual, dust plug
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