S200-54XGPM-X6-ACR
Managed Ethernet PoE Switch

Key Features:

Input Voltage：AC 100-240V　50/60Hz

Operating Temperature：-10℃ ～ +50℃

Heat Dissipation：Fanless

Enclosure：IP40, Aluminum

Certification：CCC/CE/FCC/RoHS

ESD：8KV-15KV

MTBF：100000H

PRODUCT DESCRIPTION

The S200-54XGPM-X6-ACR 48-Port Managed PoE Ethernet Switch is equipped with 48x 10/100/1000BASE-T ports, PoE/PoE+ support, 6x 10GE SFP BASE-X Uplinks. The switch adopts the most cutting-edge Realtek chip. This access switch delivers a compact, cost-effective solution for carrier＇IP MAN and enterprise networks. Based on the high-performance hardware and management platform, it supports function such as ACL, QinQ and QoS. It＇s simple management mode and flexible installation can meet the requirement of any scenario.
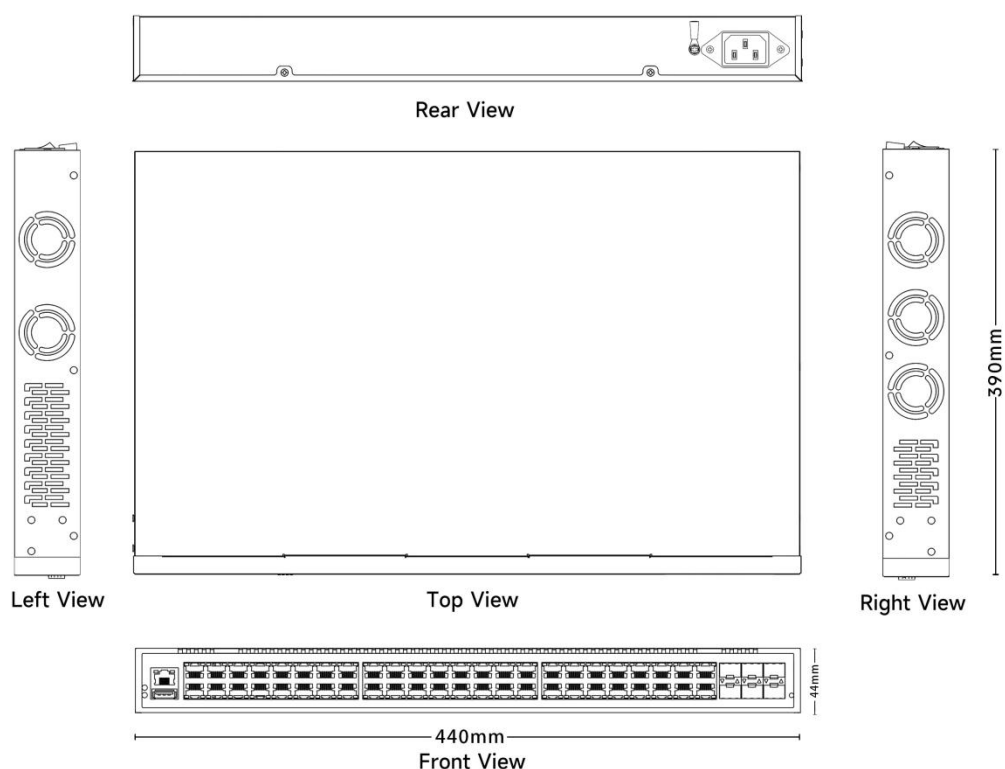
PRODUCT PARAMETERS

Provider Mode Ports	
Port type and quantity:	48x 10/100/1000 Base-TX, 6*1G/10G SFP
Management Port	Support console
Power Supply	220V/AC
LED Indicators	PWR，SYS，Link/ACT LED
Network Size – length of cable	
Twisted pair (TP):	NON-PoE: 0-100 m（CAT5e,CAT6） PoE(1000Mbps）: 0-100 m（CAT5e,CAT6） PoE(10Mbps）: 0-250 m（CAT5e,CAT6）
Single mode Fiber (SMF):	20/40/60/80/100 km
Multimode Fober (MMF):	550 m
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
Power consumption:	≤720W (PoE)
PoE /POE+ Support	
PoE port	1-48
PoE Standard	802.3AF，802.3AT
Pin segment	12+/ 36-
PoE management	Support
Layer 2 Switching	
Switching capacity	216Gbps
Packet forwarding rate	160.7Mpps
MAC address table	32 K
Buffer	16 M
Forwarding delay	<10 us
MDX/MIDX	Support
VLAN	3k
GVRP	Support
Protocol VLAN	Support
Voice VLAN	Support
Surveillance VLAN	Support
MAC VLAN	Support
Ethert 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 Server	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

Layer 3 Route	
IPV4 management	Support
IPV6 management	Support
IPV4 dynamic routing	OSPF, RIP
Static 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 Remarking Support Port Trust Support Port bandwidth Support egress queuing bandwidth Support SP，WRR Support COS, DSCP, IP Priority
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	
management channel configuration	Support
AAA	Support
802.1X	Support
MAC-Based	Support
WEB-Based	Support
DoS	Support
ARP	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 Mirror	Support1：1 or 1：M
Ping	Support
Traceroute	Support
Electrical Port Test	Support
SFP transceiver information	Support
UDLD protocol	Support
Environment	
Temperature	Operating Temperature：-10ºC to 50ºC
	Storage Temperature：-40ºC to 85ºC
Relative humidity	Operation Humidity：10% to 90% RH
	Storage Humidity：5% to 90% RH
Heat Dissipation Method	Non-PoE：Fanless, natural dissipation
	PoE：fan
MTBF	100,000H
Mechanical Dimensions	
Dimensions (WxHxD):	440 mm x 270 mm x 44 mm
Mounting	Standard Rack Mounted
Weight	PoE：4.2 kg
EMC&INGRESS PROTECTION	
Surge protection	Power line: 4 kV (line/earth), 2 kV (line/line)
	Data line: 6 kV (line/earth), 2 kV (line/line)
Electrostatic discharge (ESD)	8 kV contact discharge，15 kV air discharge
Free fall	0.5 m
Accessories	
Accessories	Device, Power cord, User manual

Product Size：

Rear View

Left View

Top View

Right View

390mm

44mm

440mm

Front View

Scodeno