



MAIN FEATURES

P/N	SIS85-4GX8GP-VX
Fixed port	4*1000 Base-X, 8*10/100/1000 Base-T
Management	Yes
PoE Support	Yes
Input Voltage	DC12-58V(Non-PoE), DC48-58V(PoE)
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Thermal methods	Fanless design
MTBF	100,000 hours
Authentication	CCC/CE/FCC/RoHS

SPECIFICATION

Provider Mode Ports	
Fixed port	4*1000 Base-X, 8*10/100/1000 Base-T
Management Port	Support console
Power interface	Phoenix terminal, redundant dual power supply
LED Indicators	PWR, Link/ACT LED
Cable Type & Transmission Distance	
Twisted-pair	0-100m (CAT5e,CAT6)
Monomode optical fiber	20/40/60/80/100 Km
Multimode (optical) fiber	550 m
Network Topology	
Ring topology	Support
Star topology	Support
Bus topology	Support
Tree Topology	Support
Hybrid topology	Support
Electrical Specifications	
Input voltage	DC12-58V(Non-PoE), DC48-58V(PoE)
Total Power consumption	<10W(Non-PoE), <250W(PoE)
PoE Support	
PoE port	1-8
PoE Protocol	802.3af, 802.3at
Pin Assignment	1,2,3,6
PoE Management	Support
Layer 2 Switching	
Switching capacity	36G

Packet forwarding rate	26.78 Mpps
MAC address table	16K
VLAN	Support 4K
Buffer	12M
Forwarding delay	<10 μs
MDX/MIDX	Support
Flow control	Support
Jumbo Frame	Support 10 Kbytes
Spanning Tree	Support STP/RSTP/MSTP
Ring Protocol	Support ERPS
Link Aggregation	Support 12 group
Multicast	Support IGMP Snooping
Port Mirroring	Support
Storm Control	Support
Interface Counters	Support
QINQ	Support
WatchDog	Support
802.1X	Support
MAC Authentication	Support
Port Isolation	Support
Rmon	Support
NTP client	Support
DHCP CLIENT	Support
DHCP snooping	Support
PING/TRACEROUT	Support
Dying gasp	Support
DDM	Support
Port Isolation	Support
Convergence	
ACL	Support ACL 500; Support IP standard ACL; Support MAC expand ACL; Support IP expand ACL
QoS	Support QoS re-marking, priority mapping; Support SP, WRR queue scheduling; Support egress rate-limited, egress rate-limit; Support Policy- Based QoS
Management	
CLI	Support
Console	Support
Telnet	Support
WEB management	Support
Management IP	Support IPV4/IPV6
SNMP	Support SNMPv1/v2c/v3
User Management	Support
System Log	Support
Configuration File Download/Upload	Support
Upgrade Firmware	Support

Environment	
Operating temperature	-40°C ~ +75°C The device is tested for 8 hours at temperatures in 85°C
Storage temperature	-40°C ~ +85°C
Relative humidity	5% ~ 95% non-condensing
Thermal methods	Fanless design
MTBF	100,000 hours
Mechanical Dimensions	
Product size	65*104*143 mm
Installation Method	DIN-rail
Weight	0.85 Kg
EMC & Ingress Protection	
IP Level	IP50
Surge protection of Power	IEC 61000-4-5 Level X (10KV/10KV) (8/20 μs)
Surge protection of Ethernet port	IEC 61000-4-5 Level X (6KV/4KV) (10/700 μs)
RS	IEC 61000-4-3 Level 3 (10V/m)
EFI	IEC 61000-4-4 Level 3 (1V/2V)
CS	IEC 61000-4-6 Level 3 (10V/m)
PFMF	IEC 61000-4-8 Level 4 (30A/m)
DIP	IEC 61000-4-11 Level 3 (10V)
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Free fall	0.5m
Authentication	
Authentication	CCC/CE/FCC/RoHS
Accessories	
Accessories	Device, Terminals, Specification, Certificate; Adapter (Optional)

SIZE AND APPEARANCE

