



MAIN FEATURES	
P/N	SIS85-4GX48GT-HR-V
Fixed port	4*1000 Base-X, 48*10/100/1000 Base-T
Management	Yes
PoE Support	No
Input Voltage	DC 12-58V /AC 100-240V 50-60HZ
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Thermal methods	Fanless, natural cooling
MTBF	100,000 hours
Certificates	CCC/CE/FCC/RoHS

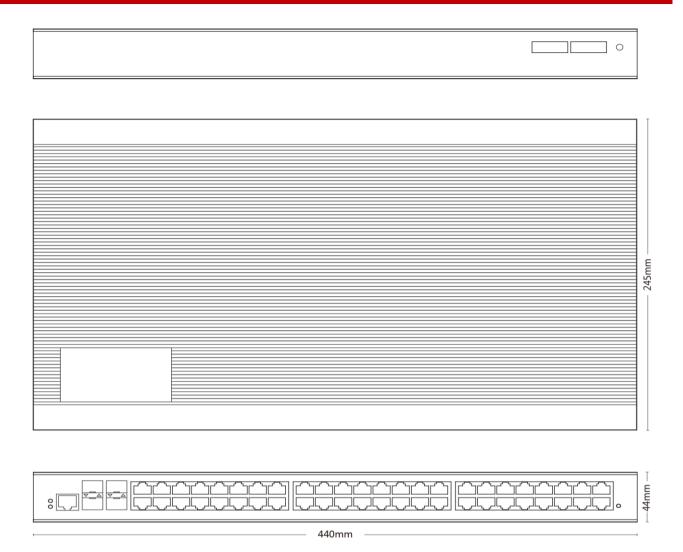
## **SPECIFICATION**

Provider Mode Ports		
Fixed port	4*1000 Base-X, 48*10/100/1000 Base-T	
Management Port	Support console	
Power interface	Phoenix terminal, dual power supply redundancy	
LED Indicators	PWR, Link/ACT LED	
Cable Type & Transmission Distance		
Twisted-pair	0-100m (CAT5e,CAT6)	
Monomode optical 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	DC 12-58V /AC 100-240V 50-60HZ	
Total Power consumption	<35W	
PoE Support		
PoE port	None	
PoE Protocol	None	
Pin Assignment	None	
PoE Mode	None	
Layer 2 Switching		
Switching capacity	336G	
Packet forwarding rate	87 Mpps	
MAC address table	16K	
VLAN	Support 4K	
Buffer	12M	
Forwarding delay	<10 μs	
MDX/MIDX	Support	
Flow control	Support	
Jumbo Frame	Support10 Kbytes	
Spanning Tree	Support STP/RSTP/MSTP	
Ring Protocol	Support ERPS	
Link Aggregation	Support 12 Groups	

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Multicast	Support IGMP Snooping
Port Mirroring	Support
Storm Control	Support
Interface Counters	Support
QINQ	Support
802.1X	Support
Radius/Mac authentication	Support
Port Isolation	Support
Rmon	Support
NTP client	Support
DHCP client	Support
DHCP snooping	Support
Ping/tracer detection	Support
	Support
Dying gasp Fiber module DDM	Support
	Support
Layer 3 Route	
Static Routes	<u> </u>
Convergence	
ACL	Support ACL 500 lines; Support IP standard ACL; Support MAC extended ACL; Support IP extended 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
IP	Support IPv4/IPv6
Telnet	Support
WEB	Support
SNMP	Support SNMPv1/v2c/v3
User	Support
System Log	Support
Configuration File Download/Upload	Support
Upgrade Firmware	Support
	Support
Environment	-40°C~+75°C The device is tested for 4 hours at temperatures in 85°C
Operating temperature	-40 °C +75 °C The device is tested for 4 hours at temperatures in 85 °C
Storage temperature	
Relative humidity	5%~95% (non-condensing)
Thermal methods	Fanless, natural cooling
MTBF	100,000 hours
Mechanical Dimensions	
Product size	440*245*44mm
Installation Method	Rack mounted
Weight	3.1KG
EMC & Ingress Protection	
IP Level	IP40
Surge protection of Power	DC: IEC 61000-4-5 Level X (8KV/8KV) (8/20 μs); AC: IEC 61000-4-5 Level 3 (4KV/2KV) (8/20 μs)
Surge protection of Ethernet port	IEC 61000-4-5 Level 3 (4KV/2KV) (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	
Certificates	CCC/CE/FCC/RoHS
Accessories	Device, Terminals, Specification, Certificate, Adapter(optional)

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