



MAIN FEATURES	
P/N	SIS85-1GX4GT-VX
Fixed port	1*1000 Base-X, 4*10/100/1000 Base-T
Management	Yes
PoE Support	No
Input Voltage	DC12-58V
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	1*1000 Base-X, 4*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	
Total Power consumption	<10W	
PoE Support		
PoE port	Unsupport	
PoE Protocol	Unsupport	
Pin Assignment	Unsupport	
PoE Management	Unsupport	
Layer 2 Switching		
Switching capacity	36G	

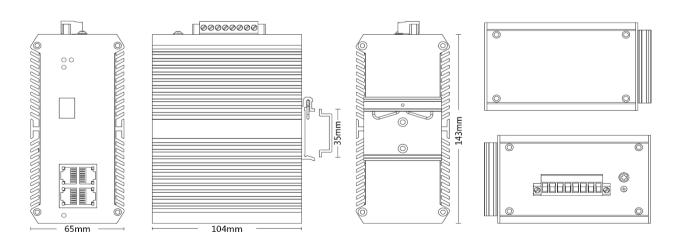
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Packet forwarding rate	26.78 Mpps
MAC address table	16K
VLAN	Support 4K
Buffer	12M
Forwarding delay	<10 μs
MDX/MIDX	Support
Flow control	Support
Jumbo Frame	Support 10 Kbytes
Spanning Tree	Support STP/RSTP/MSTP
Ring Protocol	Support ERPS
Link Aggregation	Support 12 group
Multicast	Support IGMP Snooping
Port Mirroring	Support
Storm Control	Support
Interface Counters	Support
QINQ	Support
WatchDog	
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 engress rate-limited, egress rate-limit; Support Policy- Based QoS
Management	0
CLI	Support
Console	Support
Telnet	Support
WEB management	Support
Management IP	Support IPV4/IPV6
SNMP	Support SNMPv1/v2c
User Management	Support
System Log	Support
Configuration File Download/Upload	Support
Upgrade Firmware	Support

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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



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