



### MAIN FEATURES

<b>P/N</b>	SIS85-1GH8GP-VX
<b>Fixed port</b>	1*2.5G Base-X, 8*10/100/1000 Base-T
<b>Management</b>	Yes
<b>PoE Support</b>	Yes
<b>Input Voltage</b>	DC12-58V(Non-PoE), DC48~58V(PoE)
<b>ESD</b>	IEC 61000-4-2 Level 4 (8K/15K)
<b>Thermal methods</b>	Fanless design
<b>MTBF</b>	100,000 hours
<b>Authentication</b>	CCC/CE/FCC/RoHS

### SPECIFICATION

<b>Provider Mode Ports</b>	
Fixed port	1*2.5G 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
<b>Cable Type &amp; Transmission Distance</b>	
Twisted-pair	0-100m (CAT5e,CAT6)
Monomode optical fiber	20/40/60/80/100 Km
Multimode (optical) fiber	550 m
<b>Network Topology</b>	
Ring topology	Support
Star topology	Support
Bus topology	Support
Tree Topology	Support
Hybrid topology	Support
<b>Electrical Specifications</b>	
Input voltage	DC12-58V(Non-PoE), DC48~58V(PoE)
Total Power consumption	<10W(Non-PoE), <250W(PoE)
<b>PoE Support</b>	
PoE port	1-8
PoE Protocol	802.3af, 802.3at
Pin Assignment	1,2,3,6
PoE Management	Support
<b>Layer 2 Switching</b>	
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	-
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
<b>Convergence</b>	
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
<b>Management</b>	
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

