



### MAIN FEATURES

<b>P/N</b>	SIS65-1GX8GP
<b>Fixed port</b>	1*1000 Base-X, 8*10/100/1000 Base-T
<b>Management</b>	No
<b>PoE Support</b>	Yes
<b>Input Voltage</b>	DC12-58V(Non-PoE), DC48-48V(PoE)
<b>ESD</b>	IEC 61000-4-2 Level 4 (8K/15K)
<b>Thermal methods</b>	Fanless, natural cooling
<b>MTBF</b>	100,000 hours
<b>Certificates</b>	CCC, CE, FCC, RoHS

### SPECIFICATION

Provider Mode Ports	
Business interface (Fixed port)	1*1000 Base-X, 8*10/100/1000 Base-T
Management Port	Unsupported
Power interface	Phoenix terminal, redundant dual power supply
LED Indicators	PWR, OPT, NMC, ALM
Cable type & Transmission distance	
Twisted-pair	0-100m (CAT5e, CAT6)
Monomode optical fiber	20/40/60/80/100KM
Multimode optical fiber	550m
DIP Switch	
1 C/D	Remote PD Reset
2 LGY	Stand/Non-standard PoE Mode
3 VLAN	Port Isolation
4 RST	Reset
Network Topology	
Ring topology	Unsupported
Star topology	Support
Bus topology	Support
Tree Topology	Support
Hybrid topology	Support
Electrical Specifications	
Input voltage	DC12-58V(Non-PoE), DC48-48V(PoE)
Total Power consumption	<6W(Non-PoE); <246W(PoE)

Voltage Alarm	Support
<b>PoE Support</b>	
PoE port	1~8
PoE Protocol	802.3af, 802.3at
Pin Assignment	1,2,3,6
PoE Management	None
<b>PoE++ Support (Optional)</b>	
PoE++ Port	None
PoE++ Protocol	None
PoE++ Pin Assignment	None
<b>Layer 2 Switching</b>	
Switching capacity	26G
Packet forwarding rate	19.34Mpps
MAC address table	16K
VLAN	Unsupported
Buffer	2M
Forwarding delay	<5 $\mu$ s
MDX/MIDX	Support
Flow control	Support
Jumbo Frame	Support 10K Bytes
WatchDog	Support
Port Isolation	Support
<b>Environment</b>	
Operating temperature	-40°C ~ +75°C The device is tested for 4 hours at temperatures in 85°C
Storage temperature	-40°C ~ +85°C
Relative humidity	5% ~ 95% non-condensing
Thermal methods	Fanless, natural cooling
MTBF	100,000 hours
<b>Mechanical Dimensions</b>	
Product size	143*104*48 mm
Installation Method	DIN rail
Weight	0.5 Kg around
<b>EMC &amp; Ingress Protection</b>	
IP Level	IP40
Surge protection of Power	IEC 61000-4-5 Level X (6KV/6KV) (8/20 $\mu$ s)
Surge protection of Ethernet port	IEC 61000-4-5 Level X (4KV/4KV) (10/700 $\mu$ s)
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
<b>Authentication</b>	
Certificates	CCC, CE, FCC, RoHS
<b>Accessories</b>	
Accessories	Device, Terminals, Specification, Certificate, Power adapter(optional)

## SIZE AND APPEARANCE

