



MAIN FEATURES	
P/N	SIS85-16GP2B-VX
Fixed port	16*10/100/1000 Base-T
Management	Yes
PoE Support	Yes
Input Voltage	DC 48-58V
ESD	IEC 61000-4-2 Level 4 (8K/15K)
Thermal methods	Fanless design, natural cooling
MTBF	100,000 hours
Certificates	CCC/CE/FCC/RoHS

## **SPECIFICATION**

Provider Mode Ports		
Business interface (Fixed port)	16*10/100/1000 Base-T	
Management Port	Support console	
Power interface	Phoenix terminal, dual power supply redundancy	
LED lights (LED Indicators)	PWR, Link/ACT LED	
Cable type&Transmission distance		
Twisted-pair	0-100m (CAT5e,CAT6)	
Monomode optical fiber		
Multimode optical fiber		
Network Topology		
Ring topology	Support	
Star topology	Support	
Bus topology	Support	
Tree Topology	Support	
Hybrid topology	Support	
Electrical Specifications		
Input voltage	DC 48-58V	
Total Power consumption	<386W	
PoE Support		
PoE port	1-16	
PoE Protocol	802.3af, 802.3at, 802.3bt (1-2 single interface Supports up to 90W)	
PoE pin assignment	1,2,3,6; bt pins 1-8	
PoE management	UnSupport	
Layer 2 Switching		
Switching capacity	68G	

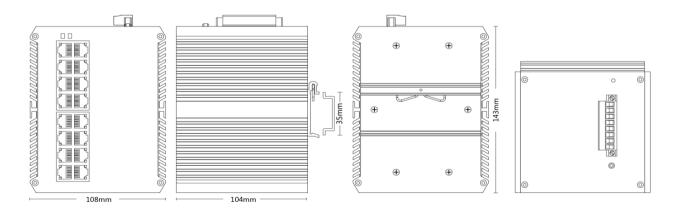
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Packet forwarding rate	50.59 Mpps
MAC address table	16K
VLAN Support	Support 4K
Buffer	12M
Forwarding delay	<10 μs
MDX/MIDX	Support
Flow control	Support
Jumbo Frame	Support 10 Kbytes
Spanning Tree Protocol	Support STP/RSTP/MSTP
Ring Protocol	Support ERPS
Link Aggregation	Support 12 groups
Multicast	Support IGMP Snooping
Port Mirroring	Support
Storm Control	Support
Interface Counters	Support
QINQ	Support
802.1X	Support
Radius/Mac certification	Support
Port Isolation	Support
Rmon	Support
NTP client	Support
DHCP client	Support
DHCP snooping	Support
Ping/tracert detection	Support
Dying gasp	Support
Optical module DDM	-
Layer 3 Router	
Static routing	-
Convergence	
Access Control List (ACL)	Support ACL 500; Support IP standard ACL; Support MAC extended ACL; Support IP extended ACL
Quality of Service (QOS)	Support QoS re-marking and priority mapping; Support SP, WRR queue scheduling; Supports entrance speed limit and exit speed limit; Support flow-based QoS
Management	
Command line (CLI)	Support
Management serial port (Console)	Support
Telnet /SSH	Support
WEB management	Support
Management IP	Support IPV4/IPV6
SNMP	
5141411	Support SNMPv1/v2c/v3
User Management	Support SNMPv1/v2c/v3 Support
User Management	Support

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Environmental conditions (Environment)		
Operating temperature	$-40^{\circ}$ C $^{\sim}$ +75 $^{\circ}$ C The device is tested for 8 hours at temperatures in 85 $^{\circ}$ C	
Storage temperature	-40°C ~ +85°C	
Relative humidity	5%~95% non-condensing	
Thermal methods	Fanless design, natural cooling	
MTBF	100,000 hours	
Mechanical Dimensions		
Product size	108*104*143 mm	
Installation Method	Rail installation, wall-mounted installation	
Weight	1.3 Kg	
Protection (EMC & INGRESS PROTECTION)		
IP Level	IP50	
Surge protection of Power	IEC 61000-4-5 Level X (6KV/6KV) (8/20us)	
Surge protection of Ethernet port	IEC 61000-4-5 Level X (6KV/4KV) (10/700us)	
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 Level4 (30A/m)	
DIP	IEC 61000-4-11 Level3 (10V)	
ESD	IEC 61000-4-2 Level 4 (8K/15K)	
Free fall	0.5m	
Authentication	Inspection reports and network access licenses from the Ministry of Public Security and the Ministry of Industry and Information Technology	
Certificates	CCC/CE/FCC/RoHS	
Accessories		
Accessories	Equipment, terminals, certificate, instructions, Adapter (optional)	

## SIZE AND APPEARANCE



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