



MAIN FEATURES

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| P/N | SIS87-4XG8GC16GT-HR-V |
| Fixed port | 4*10G Base-X, 8*1000 Base-X Combo, 16*10/100 |
| 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 design, natural cooling |
| MTBF | 100,000 hours |
| Certificates | CCC/CE/FCC/RoHS |

SPECIFICATION

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| Provider Mode Ports | |
| Fixed port | 4*10G Base-X, 8*1000 Base-X Combo, 16*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 | <36W |
| PoE Support | |
| PoE port | None |
| PoE Protocol | None |
| Pin Assignment | None |
| PoE Mode | None |
| Layer 2 Switching | |
| Switching capacity | 160G |
| Packet forwarding rate | 95.23 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 12group |

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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 |
| Dying gasp | Support |
| Fiber module DDM | Support |
| Layer 3 Route | |
| Static Routes | Support 256 static routes |
| 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 |
| Environment | |
| 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 design, natural cooling |
| MTBF | 100,000 hours |
| Mechanical Dimensions | |
| Product size | 440*245*44mm |
| Installation Method | Rack mounted |
| Weight | 3.6KG |
| 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 Level4 (30A/m) |
| DIP | IEC 61000-4-11 Level3 (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) |

SIZE AND APPEARANCE

