



| MAIN FEATURES | |
|-----------------|-------------------------------------|
| P/N | SIS85-4XG24GP-R-V |
| Fixed port | 4*10G Base-X, 24*10/100/1000 Base-T |
| Management | Yes |
| PoE Support | Yes |
| Input Voltage | DC48-58V (PoE) |
| 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

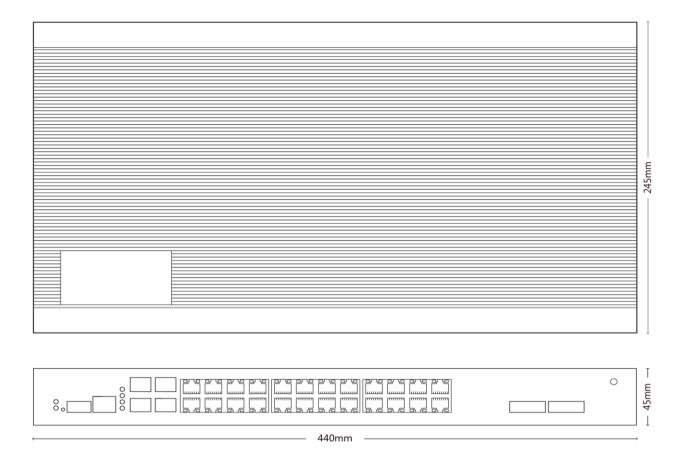
| Provider Mode Ports | | |
|------------------------------------|--|--|
| Fixed port | 4*10G Base-X, 24*10/100/1000 Base-T | |
| Management Port | Support console | |
| Power interface | Phoenix terminal, dual power supply redundancy | |
| LED Indicators | PWR, Link/ACT LED | |
| Cable Type & Transmission 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 | DC48-58V (PoE) | |
| Total Power consumption | <36W(Non-PoE), <385W(PoE) | |
| PoE Support | | |
| PoE port | 1-24 | |
| PoE Protocol | 802.3af, 802.3at | |
| Pin Assignment | 1,2,3,6 | |
| PoE Mode | Support | |
| 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 | Support |
| 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 | 11 |
| 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 | 100,000 110413 |
| Product size | 440*245*44mm |
| Installation Method | Rack mounted |
| | 3.6KG |
| Weight FMC & Ingress Protection | J.UNU |
| IP Level | IP40 |
| Surge protection of Power | IEC 61000-4-5 Level X (8KV/8KV) (8/20 μs) |
| Surge protection of Ethernet port | IEC 61000-4-5 Level X (4KV/4KV) (10/700 μs) |
| RS | IEC 61000-4-3 Level 3 (10V/m) |
| EFI | IEC 61000-4-4 Level 3 (1V/2V) |
| CS | IEC 61000-4-4 Level 3 (10V/m) |
| PFMF | IEC 61000-4-0 Level 3 (10V/III) |
| DIP | IEC 61000-4-1 Level3 (10V) |
| ESD | IEC 61000-4-11 Levels (10V) |
| Free fall | 0.5m |
| | O.Jiil |
| Authentication | CCC/CE/FCC/RoHS |
| Certificates | |
| Accessories | Device, Terminals, Specification, Certificate, Adapter(optional) |

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SIZE AND APPEARANCE



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