



MAIN FEATURES

| | |
|------------------------|-------------------------------------|
| P/N | SIS85-1GX4GT-VX |
| Fixed port | 1*1000 Base-X, 4*10/100/1000 Base-T |
| Management | Yes |
| PoE Support | No |
| Input Voltage | DC12-58V |
| ESD | IEC 61000-4-2 Level 4 (8K/15K) |
| Thermal methods | Fanless design |
| MTBF | 100,000 hours |
| Authentication | CCC/CE/FCC/RoHS |

SPECIFICATION

| Provider Mode Ports | |
|------------------------------------|---|
| Fixed port | 1*1000 Base-X, 4*10/100/1000 Base-T |
| Management Port | Support console |
| Power interface | Phoenix terminal, redundant dual power supply |
| LED Indicators | PWR, Link/ACT LED |
| Cable Type & Transmission Distance | |
| Twisted-pair | 0-100m (CAT5e,CAT6) |
| Monomode optical fiber | 20/40/60/80/100 Km |
| Multimode (optical) fiber | 550 m |
| Network Topology | |
| Ring topology | Support |
| Star topology | Support |
| Bus topology | Support |
| Tree Topology | Support |
| Hybrid topology | Support |
| Electrical Specifications | |
| Input voltage | DC12-58V |
| Total Power consumption | <10W |
| PoE Support | |
| PoE port | Unsupport |
| PoE Protocol | Unsupport |
| Pin Assignment | Unsupport |
| PoE Management | Unsupport |
| Layer 2 Switching | |
| 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 |
| Convergence | |
| 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 |
| Management | |
| 0 | |
| CLI | Support |
| Console | Support |
| Telnet | Support |
| WEB management | Support |
| Management IP | Support IPV4/IPV6 |
| SNMP | Support SNMPv1/v2c |
| 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

