



### MAIN FEATURES

|                        |                                      |
|------------------------|--------------------------------------|
| <b>P/N</b>             | SIS75-2GX16GP-V                      |
| <b>Fixed port</b>      | 2*1000 Base-X, 16*10/100/1000 Base-T |
| <b>Management</b>      | Yes                                  |
| <b>PoE Support</b>     | Yes                                  |
| <b>Input Voltage</b>   | DC 12-58V (Non-PoE), DC 48-58V (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                |                                      |
|------------------------------------|--------------------------------------|
| Fixed port                         | 2*1000 Base-X, 16*10/100/1000 Base-T |
| Management Port                    | Support Console                      |
| Power interface                    | Phoenix terminal, dual power input   |
| 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 fibre            | 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 (Non-PoE), DC 48-58V (PoE) |
| Total Power consumption            | <26W (Non-PoE), <386W (PoE)          |
| PoE Support                        |                                      |
| PoE port                           | 1~16                                 |
| PoE Protocol                       | 802.3af, 802.3at                     |
| Pin Assignment                     | 112+, 36-                            |
| PoE Management                     | Support                              |
| PoE++ Support (Optional)           |                                      |
| PoE ++ port                        | 1~16                                 |

|                          |  |
|--------------------------|--|
| PoE ++ Protocol          | 802.3af, 802.3at, 802.3bt ( Port 1 & Port 2 support 90W per port)  |
| PoE ++ Pin Assignment    | 1245+, 3678-   |
| PoE ++ Management        | Support  |
| <b>Layer 2 Switching</b> |  |
| Switching capacity       | 68G  |
| Packet forwarding rate   | 50.59 Mpps   |
| MAC address table        | 16K  |
| VLAN                     | Support 4K   |
| Buffer                   | 12M  |
| Forwarding delay         | <10 $\mu$ s  |
| MDX/MIDX                 | Support  |
| Flow control             | Support  |
| Jumbo Frame              | Support 10Kbytes   |
| 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  |
| 802.1X                   | Support  |
| MAC Authentication       | Support  |
| Port Isolation           | Support  |
| RMON                     | Support  |
| NTP Client               | Support  |
| DHCP CLIENT              | Support  |
| DHCP snooping            | Support  |
| Ping/tracert test        | Support  |
| Dying gasp               | Support  |
| DDM                      | Support  |
| <b>Convergence</b>       |  |
| ACL                      | Support ACL 500; 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 |
| <b>Management</b>        |  |
| CLI                      | Support  |
| Console                  | Support  |
| Management IP            | Support IPv4/IPv6  |
| Telnet/SSH               | Support  |
| WEB management           | Support  |
| SNMP                     | Support SNMPv1/v2c/v3  |
| User Management          | Support  |

|                                     |  |
|-------------------------------------|--|
| System Log                          | Support  |
| Configuration File Download/Upload  | Support  |
| Upgrade Firmware                    | 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                        | 48X104X143mm   |
| Installation Method                 | DIN-rail   |
| Weight                              | 1 Kg   |
| <b>EMC &amp; INGRESS PROTECTION</b> |  |
| IP Level                            | IP40   |
| Surge protection of Power           | IEC 61000-4-5 Level X (6KV/6KV) (8/20 μs)                            |
| Surge protection of Ethernet port   | IEC 61000-4-5 Level 4 (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 61000-4-6 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, Adapter (optional)    |

## SIZE AND APPEARANCE

