

| MAIN FEATURES   |                                 |
|-----------------|---------------------------------|
| P/N             | SIS87-16GT-VX                   |
| Fixed port      | 16*10/100/1000 Base-T           |
| Management      | Yes                             |
| PoE Support     | No                              |
| Input Voltage   | DC 12-58V                       |
| ESD             | IEC 61000-4-2 Level 4 (8K/15K)  |
| Thermal methods | Fanless design, natural cooling |
| MTBF            | 100,000 hours                   |
| Certificates    | CCC/CE/FCC/RoHS                 |

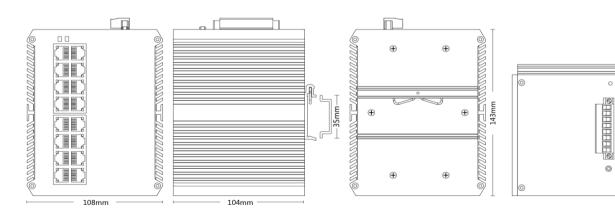
## **SPECIFICATION**

| 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 12-58V                                      |
| Total Power consumption          | <26W   |
| PoE Support                      |  |
| PoE port                         | UnSupport                                      |
| PoE Protocol                     | UnSupport                                      |
| PoE pin assignment               | UnSupport                                      |
| PoE management                   | UnSupport                                      |
| Layer 2 Switching                |  |
| Switching capacity               | 68G  |

| Buffer     12M       Forwarding delay     <10 µs       Forwarding delay     <10 µs       MDX/MIXX     Support       Flow control     Support 10 Kbytes       Spanning Tree Protocol     Support 10 Kbytes       Spanning Tree Protocol     Support 12 groups       Muktast     Support       Storm Control     Support       Bott     Support       Storm Control     Support       Bott     Support  |                                  |                           |
|--|----------------------------------|---------------------------|
| VLAN SupportSupport 4KBuffer12MForwarding delay<10 µS  | Packet forwarding rate           | 50.59 Mpps                |
| Buffer     12M       Forwarding delay     10 µs       Forwarding delay     10 µs       MOX/MIX     Support       Flow control     Support 10 Kbytes       Spanning Tree Protocol     Support 10 Kbytes       Spanning Tree Protocol     Support 10 Kbytes       Mittast     Support 10 Kbytes       Multast     Support 10 Kbytes       Start     Support 10 Kbytes       Start     Support 10 Kbytes       Natitast     Support 16MP Snooping       Port Miroring     Support       Start Miroring     Support 16MP Snooping       Port Miroring     Support       Start Miroring     Support       Start Miroring     Support       ORA     Support       Radius/Mac certification     Support       ORA     Support       DelCh client     Support       DelCh client     Support       DelCh client     Support       DelCh client     Support Support       DelCh client     Support Support       DelCh client     Support Support Support <tr< td=""><td>MAC address table</td><td>16K</td></tr<>   | MAC address table                | 16K                       |
| Forwarding delay <10 µS  | VLAN Support                     | Support 4K                |
| MDX/MIDXSupportFlow controlSupportJumbo FrameSupport 10 KbytesSpanning Tree ProtocolSupport 157/RSTP/MSTPRing ProtocolSupport 12 groupsMulticastSupport 10 groupsMulticastSupport 16MP SnoopingPort MirroringSupport 1Storm ControlSupportInterface CountersSupportQINQSupportB02.1xSupportRadius/Mac certificationSupportRadius/Mac certificationSupportRadius/Mac certificationSupportNTP clientSupportDMCP clientSupport 10DMCP clientSupport 10ConvergencSupport 10ConvergencSupport 10ConvergencSupport QoS re-marking and priority mapping; Support SP, WRR queue scheduling;<br>Support 10Management serial port (Console)Support 10 <td>Buffer</td> <td>12M</td>  | Buffer                           | 12M                       |
| Flow controlSupportJumbo FrameSupport 10 KbytesSpanning Tree ProtocolSupport 10 KbytesRing ProtocolSupport 10 KbytesInk AggregationSupport 18 KPSMulticastSupport 10 KP SnoopingPort MirroringSupportStorn CotrolSupportRadius/Mac certificationSupport802.1XSupportRadius/Mac certificationSupport80.1XSupportRadius/Mac certificationSupport80.1XSupportRadius/Mac certificationSupport80.1XSupport80.1XSupport80.1XSupport80.1XSupport80.1XSupport80.1XSupport80.1XSupport80.1XSupport80.1XSupport80.1XSupport80.1XSupport80.1XSupport80.1XSupport80.1XSupport80.1XSupport80.1XSupport90.1XSupport90.1XSupport90.1XSupport90.1XSupport91.1XSupport91.1XSupport91.1XSupport91.1XSupport91.1XSupport91.1XSupport91.1XSupport91.1XSupport91.1XSupport92.1XSupport92.1XSupport93.1XSupport  | Forwarding delay                 | <10 µs                    |
| Jumbo FrameSupport 10 KbytesSpanning Tree ProtocolSupport STP/RSTP/MSTPRing ProtocolSupport STP/RSTP/MSTPRing ProtocolSupport 12 groupsMulticastSupport 12 groupsMulticastSupport 16 MP SnoopingPort MiroringSupport 16 MP SnoopingStorn ControlSupport 16 MP SnoopingStorn ControlSupport 1Interface CountersSupportBadias/Mac certificationSupportPort IsolationSupportRonaSupportBCR SnoopingSupportDHCP clientSupportDHCP clientSupportDHCP snoopingSupportDHCP snoopingSupportStatic routingSupportStatic routingSupport 1Dying gaspSupport 12 static routesConvergenceAccess Control List (ACL)Support ACL 500; Support 1P standard ACL; Support 1MAC extended  | MDX/MIDX                         | Support                   |
| Spanning Tree Protocol     Support STP/RSTP/MSTP       Ring Protocol     Support ERPS       Link Aggregation     Support 12 groups       Multicast     Support 12 groups       Multicast     Support 12 groups       Storm Control     Support       Storm Control     Support       Storm Control     Support       QINQ     Support       80.2.1X     Support       Radius/Mac certification     Support       Radius/Mac certification     Support       Rom     Support       NTP client     Support       DHCP client     Support       DHCP client     Support       DProt group     Support       DProt group     Support       Dying gasp     Support       Dying gasp     Support S12 static routes       Convergence        Access Control List (ACL)     Support Support IP standard ACL; Support SP; WRR queue scheduling;       Convergence        Command line (CU1)     Support cemarking and priority mapping; Support SP; WRR queue scheduling;       Command line (CU1)     Support  | Flow control                     | Support                   |
| Ring Protocol     Support ERPS       Link Aggregation     Support 12 groups       Multicast     Support 1000000000000000000000000000000000000  | Jumbo Frame                      | Support 10 Kbytes         |
| Link Aggregation     Support 12 groups       Multicast     Support IGMP Snooping       Port Mirroring     Support       Storm Control     Support       Storm Control     Support       QINQ     Support       S02.1X     Support       Radius/Mac certification     Support       Port Isolation     Support       Rmon     Support       TP Clent     Support       DHCP Clent     Support       DHCP Clent     Support       DHCP Clent     Support       DHCP Clent     Support       Dying gasp     Support       Dying gasp     Support       Dying gasp     Support ACL 500; Support IP       Optical module DDM     O       Convergence        Convergence        Convergence     Support ACL 500; Support IP standard ACL; Support SP, WRR queue scheduling; Support Sp, Support IP       Command line (CLI)     Support       Management P     Support IPV4/PV6       Support     Support<   | Spanning Tree Protocol           | Support STP/RSTP/MSTP     |
| Multicast     Support IGMP Snooping       Port Mirroring     Support       Storm Control     Support       QINQ     Support       QINQ     Support       QINQ     Support       Redius/Mac certification     Support       Redius/Mac certification     Support       Port Isolation     Support       Rmon     Support       DHCP client     Support       DHCP client     Support       DHCP client     Support       DHCP client     Support       Dying gasp     Support       Optical module DDM     0       Layer 3 Router     Support ACL 500; Support IP Static routes       Convergence   | Ring Protocol                    | Support ERPS              |
| Port MirroringSupportStorm ControlSupportStorm ControlSupportQINQSupport802.1XSupportRadius/Mac certificationSupportPort IsolationSupportRomaSupportNTP clientSupportDHCP clientSupportDHCP snoopingSupportPort solationSupportDHCP snoopingSupportDying gapSupportStatic routingSupportStatic routingSupportConvergenceSupport S12 static routesConvergenceSupport ACL 500; Support IP standard ACL; Support MAC extended ACL; Support IPQuality of Service (QOS)SupportSupportSupport QOS re-marking and priority mapping; Support SP, WRR queue scheduling;<br>Supports entrance speed limit; Support flow-based QoSManagement Erial port (Console)SupportManagement IPSupportSupportSupportSupportSupportSupportSupportSupportSupportManagement IPSupport<   | Link Aggregation                 | Support 12 groups         |
| Storm ControlSupportInterface CountersSupportQINQSupport802.1XSupportRadius/Mac certificationSupportPort IsolationSupportRomanSupportRhmonSupportDPCP clientSupportDPCP clientSupportDPCP snoopingSupportPing/tracert detectionSupportDying gaspSupportOptical module DDM0ConvergenceConvergenceConvergenceSupport ACL 500; Support IP standard ACL; Support MAC extended ACL; Support IPAccess Control List (ACL)SupportSupportSupport QoS re-marking and priority mapping; Support SP, WRR queue scheduling;<br>Support sentrance speed limit; Support flow-based QoSManagementSupportCommand line (CLI)SupportManagement PDSupportSupportSupportSupportSupportSupportSupportManagement IPSupportSupportSupportSupportSupportManagement IPSupportS  | Multicast                        | Support IGMP Snooping     |
| Interface CountersSupportQINQSupport802.1XSupportRadius/Mac certificationSupportPort IsolationSupportRmonSupportNTP clientSupportDHCP clientSupportDHCP clientSupportDHCP clientSupportDHCP clientSupportDHCP snoopingSupportOptical module DDM0Layer 3 RouterStatic routingSupport S12 static routesConvergenceAccess Control List (ACL)Support ACL S00; Support IP standard ACL; Support SP, WRR queue scheduling;<br>Supports entrance speed limit and exit speed limit; Support SP, WRR queue scheduling;<br>Supports entrance speed limit and exit speed limit; Support flow-based QoSManagementSupportCommand line (CLI)SupportManagement IPSupportSup   | Port Mirroring                   | Support                   |
| QINQSupport802.1XSupportRadius/Mac certificationSupportPort IsolationSupportRmonSupportNTP clientSupportDHCP clientSupportDHCP snoopingSupportPing/tracert detectionSupportOptical module DDM0ConvergenceSupport 12 static routesConvergenceSupport 25 static routesConvergenceSupport 12 static routesQuality of Service (QOS)Support 2005 re-marking and priority mapping; Support SP, WRR queue scheduling;<br>Supports entrance speed limit and exit speed limit; Support flow-based QOSManagementSupportVEB managementSupportWEB managementSupportWEB managementSupportVer ManagementSupportWEB managementSupportSupport SUPPORTIPSupportSupport Support IPSupportSupport Support SUPPORTIPSupport Support Support Support SUPPORTIPSupport SupportSupportSupportSupportManagementSupportSupport Support SUPPORTIPSupport Support SUPPORTIPSupport <td< td=""><td>Storm Control</td><td>Support</td></td<>  | Storm Control                    | Support                   |
| 802.1X Support   Radius/Mac certification Support   Port Isolation Support   Rmon Support   Rmon Support   NTP client Support   DHCP client Support   DHCP snooping Support   Dying gasp Support   Optical module DDM 0   Layer 3 Router Support 512 static routes   Convergence Support ACL S00; Support IP standard ACL; Support MAC extended ACL; Support IP   Access Control List (ACL) Support ACL S00; Support IP standard ACL; Support SP, WRR queue scheduling; Support Ser remarking and priority mapping; Support SP, WRR queue scheduling; Support GOS re-marking and priority mapping; Support SP, WRR queue scheduling; Support Ser remarking and priority mapping; Support SP, WRR queue scheduling; Support Ser remarking and priority mapping; Support SP, WRR queue scheduling; Support GOS re-marking and priority mapping; Support SP, WRR queue scheduling; Support GOS re-marking and priority mapping; Support SP, WRR queue scheduling; Support GOS re-marking and priority mapping; Support SP, WRR queue scheduling; Support GOS re-marking and priority mapping; Support SP, WRR queue scheduling; Support GOS re-marking and priority mapping; Support SP, WRR queue scheduling; Support GOS re-marking and priority mapping; Support SP, WRR queue scheduling; Support GOS re-marking and priority mapping; Support SP, WRR queue scheduling; Support GOS re-marking and priority mapping; Support SP, WRR queue scheduling; Support GOS re-marking and priority mapping; Support SP, WRR queue scheduling; Support GOS re-marking and priority mapping; Support SP, WRR queue s   | Interface Counters               | Support                   |
| Radius/Mac certificationSupportPort IsolationSupportRmonSupportNTP clientSupportDHCP clientSupportDHCP snoopingSupportPing/tracert detectionSupportOptical module DDM0ConvergenceSupport S12 static routesConvergenceSupport ACL 500, Support IP standard ACL; Support SP, WRR queue scheduling;<br>Support act detectionQuality of Service (QOS)Support QOS re-marking and priority mapping; Support SP, WRR queue scheduling;<br>Support act speed limit and exit speed limit; Support flow-based QoSManagementSupportYBMPSupportWEB managementSupportSupport SNMPV1/V2c/v3SupportUser ManagementSupportSupport SNMPV1/V2c/v3SupportSystem LogSupportSystem LogSupport <t< td=""><td>QINQ</td><td>Support</td></t<>  | QINQ                             | Support                   |
| Port IsolationSupportRmonSupportNTP clientSupportDHCP clientSupportDHCP snoopingSupportPing/tracert detectionSupportDying gaspSupportOptical module DDM0Layer 3 RouterStatic routesStatic routingSupport ACL Stoty, Support IP standard ACL; Support SP, WRR queue scheduling;<br>supports ant and exit speed limit; Support SP, WRR queue scheduling;<br>Support Service (QOS)Quality of Service (QOS)SupportManagementSupportManagementSupportWEB managementSupportManagement IPSupport IPV4/IPV6SIMPSupport SUPV1/V2c/V3Support LogSupportSystem LogSupportSystem LogSupportSystem LogSupportFile upgradeSupport  | 802.1X                           | Support                   |
| RmonSupportNTP clientSupportDHCP clientSupportDHCP snoopingSupportPing/tracert detectionSupportOptical module DDM0ConvergenceVegota Support 12 static routesConvergenceOutport QOS re-marking and priority mapping; Support SP, WRR queue scheduling;<br>Support sentrance speed limit and exit speed limit; Support flow-based QOSManagementMaagement Serial port (Console)SupportSupport SP, VMPSupportMaagement IPSupport IPV4/IPV6SIMPPSupport SPV1/V2C/V3Support LogSupport SPV1/V2C/V3Support LogSupportSystem LogSupportSystem LogSupportSystem LogSupportSupport SourceSupportSystem LogSupportSystem LogSupportSystem LogSupportSystem LogSupportFile upgradeSupport  | Radius/Mac certification         | Support                   |
| NTP clientSupportDHCP clientSupportDHCP snoopingSupportPing/tracert detectionSupportOptical module DDM0Layer 3 RouterStatic routingSupport S12 static routesConvergenceConvergenceConvergenceQuality of Service (QOS)Support ACL S00; Support IP standard ACL; Support SP, WRR queue scheduling;<br>Supports entrance speed limit and exit speed limit; Support flow-based QoSMaagementSupportCommand line (CLI)SupportMaagement serial port (Console)SupportSupport IPV4/IPV6SIMPSupport IPV4/IPV6SIMPSupportSupport SNMPv1/v2c/v3User ManagementSupport<   | Port Isolation                   | Support                   |
| DHCP clientSupportDHCP snoopingSupportPing/tracert detectionSupportDying gaspSupportOptical module DDM0Layer 3 RouterSupport 512 static routesConvergenceSupport ACL 500; Support 1P standard ACL; Support MAC extended ACL; Support 1P extended ACLQuality of Service (QOS)Support QOS re-marking and priority mapping: Support SP, WRR queue scheduling; Support dOS re-marking and priority mapping: Support flow-based QOSManagementSupportCommand line (CLI)SupportManagement Serial port (Console)SupportVEB managementSupportManagement IPSupport IPV4/IPV6SNIPSupport IPV4/IPV6SNIPSupport IPV4/IPV6SNIPSupportSupport IPSupport IPV4/IPV6SNIPSupportSuppo   | Rmon                             | Support                   |
| DHCP snoopingSupportPing/tracert detectionSupportDying gaspSupportOptical module DDM0Layer 3 RouterSupport 512 static routesStatic routingSupport 512 static routesConvergenceAccess Control List (ACL)Support ACL 500; Support IP standard ACL; Support MAC extended ACL; Support IP extended ACLQuality of Service (QOS)Support QOS re-marking and priority mapping; Support SP, WRR queue scheduling; Support Service (QOS)ManagementSupportCommand line (CLI)SupportManagement serial port (Console)Support IP variant and exit speed limit; Support flow-based QOSMEB managementSupportManagement IPSupport IPV4/IPV6SNMPSupport SNMPv1/v2c/v3Support SNMPv1/v2c/v3SupportSystem LogSupportSystem LogSupportFile upgradeSupport   | NTP client                       | Support                   |
| Ping/tracert detectionSupportDying gaspSupportOptical module DDM0Layer 3 RouterSupport 512 static routesStatic routingSupport 512 static routesConvergenceSupport ACL 500; Support IP standard ACL; Support MAC extended ACL; Support IP extended ACLQuality of Service (QOS)Support ACL 500; Support IP standard ACL; Support SP, WRR queue scheduling; Support Service (QOS)ManagementSupport ACL 500; Support IP standard ACL; Support SP, WRR queue scheduling; Support Service (QOS)ManagementSupport QOS re-marking and priority mapping; Support SP, WRR queue scheduling; Support service (QOS)ManagementSupport QOS re-marking and priority mapping; Support flow-based QoSManagementSupportSupportSupport Service (QOS)SupportSupport Service (QOS)ManagementSupportSupportSupportManagement serial port (Console)SupportSupportSupportManagement IPSupport IPV4/IPV6SNMPSupport SNMPv1/v2c/v3User ManagementSupportSysten LogSupportSysten LogSupportFile upgradeSupport  | DHCP client                      | Support                   |
| Dying gaspSupportOptical module DDM0Layer 3 RouterStatic routingSupport 512 static routesConvergenceAccess Control List (ACL)Support ACL 500; Support IP standard ACL; Support MAC extended ACL; Support IP extended ACLQuality 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 QOSManagementSupportCommand line (CLI)SupportManagement serial port (Console)SupportVEB management IPSupportSupport SP, WIRP VI/V2C/V3SIMPSupport SUMPV1/V2C/V3Support SP, Support SP, Support SP, WRR SUPPORT SUPPORT SUPPORT SP, WRR SP, WRR SP, W | DHCP snooping                    | Support                   |
| Optical module DDM0Layer 3 RouterStatic routingSupport 512 static routesConvergenceAccess Control List (ACL)Support ACL 500; Support IP standard ACL; Support MAC extended ACL; Support IP<br>extended ACLQuality of Service (QOS)Support QOS re-marking and priority mapping; Support SP, WRR queue scheduling;<br>Supports entrance speed limit and exit speed limit; Support flow-based QoSManagementSupportCommand line (CLI)SupportManagement serial port (Console)SupportVEB management IPSupportMunagement IPSupportSupport SNMPv1/v2c/v3User ManagementSupportSystem LogSupportSystem LogSupportFile upgradeSupport  | Ping/tracert detection           | Support                   |
| Layer 3 RouterStatic routingSupport 512 static routesConvergenceAccess Control List (ACL)Support ACL 500; Support IP standard ACL; Support MAC extended ACL; Support IP<br>extended ACLQuality of Service (QOS)Support QOS re-marking and priority mapping; Support SP, WRR queue scheduling;<br>Supports entrance speed limit and exit speed limit; Support flow-based QoSManagementSupportCommand line (CLI)SupportManagement serial port (Console)SupportVEB managementSupportWEB management IPSupport IPV4/IPV6SIMMPSupport SNMPv1/v2c/v3User ManagementSupportSystem LogSupportSystem LogSupportSupportSupport  | Dying gasp                       | Support                   |
| Static routingSupport S12 static routesConvergenceAccess Control List (ACL)Support ACL 500; Support IP standard ACL; Support MAC extended ACL; Support IP<br>extended ACLQuality of Service (QOS)Support QoS re-marking and priority mapping; Support SP, WRR queue scheduling;<br>Supports entrance speed limit and exit speed limit; Support flow-based QoSManagementCommand line (CLI)Management serial port (Console)SupportVEB managementSupportWEB management IPSupport IPV4/IPV6SNMPSupport SNMPv1/v2c/v3User ManagementSupportSystem LogSupportSystem LogSupportFile upgradeSupport  | Optical module DDM               | 0                         |
| 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   Support     Command line (CLI)   Support     Management serial port (Console)   Support     VEB management   Support     WEB management IP   Support IPV4/IPV6     SNMP   Support SNMPv1/v2c/v3     User Management   Support     System Log   Support     System Log   Support  | Layer 3 Router                   |                           |
| Access Control List (ACL)Support ACL 500; Support IP standard ACL; Support MAC extended ACL; Support IP<br>extended ACLQuality of Service (QOS)Support QoS re-marking and priority mapping; Support SP, WRR queue scheduling;<br>supports entrance speed limit and exit speed limit; Support flow-based QoSManagementSupportCommand line (CLI)SupportManagement serial port (Console)SupportTelnet /SSHSupportWEB management IPSupportSupport IPV4/IPV6SNMPSupport SNMPv1/v2c/v3User ManagementSupportSystem LogSupportSupportSupportSupportSupportSupportSupportSystem LogSupportSupo   | Static routing                   | Support 512 static routes |
| Access Control List (ACL)extended ACLQuality of Service (QOS)Support QoS re-marking and priority mapping; Support SP, WRR queue scheduling;<br>Supports entrance speed limit and exit speed limit; Support flow-based QoSManagementSupportCommand line (CLI)SupportManagement serial port (Console)SupportTelnet /SSHSupportWEB managementSupportWEB managementSupportSupport IPV4/IPV6SNMPSupport SNMPv1/v2c/v3User ManagementSupportSystem LogSupportSupportSupportSupportSupport  | Convergence                      |                           |
| Quality of Service (QOS)   Supports entrance speed limit and exit speed limit; Support flow-based QoS     Management   Support     Command line (CLI)   Support     Management serial port (Console)   Support     Telnet /SSH   Support     WEB management   Support     Management IP   Support IPV4/IPV6     SNMP   Support SNMPv1/v2c/v3     User Management   Support     System Log   Support     File upgrade   Support   | Access Control List (ACL)        |                           |
| Command line (CLI)SupportManagement serial port (Console)SupportTelnet /SSHSupportWEB managementSupportManagement IPSupport IPV4/IPV6SNMPSupport SNMPv1/v2c/v3User ManagementSupportSystem LogSupportFile upgradeSupport   | Quality of Service (QOS)         |                           |
| Management serial port (Console)SupportTelnet /SSHSupportWEB managementSupportManagement IPSupport IPV4/IPV6SNMPSupport SNMPv1/v2c/v3User ManagementSupportSystem LogSupportFile upgradeSupport  | Management                       |                           |
| Telnet /SSHSupportWEB managementSupportManagement IPSupport IPV4/IPV6SNMPSupport SNMPv1/v2c/v3User ManagementSupportSystem LogSupportFile upgradeSupport   | Command line (CLI)               | Support                   |
| WEB managementSupportManagement IPSupport IPV4/IPV6SNMPSupport SNMPv1/v2c/v3User ManagementSupportSystem LogSupportFile upgradeSupport   | Management serial port (Console) | Support                   |
| Management IP Support IPV4/IPV6   SNMP Support SNMPv1/v2c/v3   User Management Support   System Log Support   File upgrade Support   | Telnet /SSH                      | Support                   |
| SNMP Support SNMPv1/v2c/v3   User Management Support   System Log Support   File upgrade Support   | WEB management                   | Support                   |
| User Management Support   System Log Support   File upgrade Support  | Management IP                    | Support IPV4/IPV6         |
| System Log Support   File upgrade Support  | SNMP                             | Support SNMPv1/v2c/v3     |
| File upgrade Support   | User Management                  | Support                   |
|  | System Log                       | Support                   |
|  | File upgrade                     | Support                   |
|  |                                  | 0                         |

| Environmental conditions (Environment) |   |
|--|---|
| Operating temperature                  | -40°C $\sim$ +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, natural cooling   |
| MTBF                                   | 100,000 hours   |
| Mechanical Dimensions                  |   |
| Product size                           | 108*104*143mm   |
| Installation Method                    | Rail installation, wall-mounted installation  |
| Weight                                 | 1.3KG   |
| Protection (EMC & INGRESS PROTECTION   | J)  |
| IP Level                               | IP50  |
| Surge protection of Power              | IEC 61000-4-5 Level X (10KV/10KV) (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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