



## Specification:

**4\*1000Base-X, 8\*10/100/1000Base-T**

## Managed Industrial Switch

The Ethernet switch uses store-forward architecture, fan-less and energy-saving design. The design complies with the Ethernet standard with lightning and anti-static protection. They apply to the wide range of operating temperature from -40°C to +85°C with stable and reliable performance. They can be widely applied to various broadband data transmission fields, such as intelligent transportation, Telecommunications, security, financial securities, customs, shipping, power, water conservancy and oil fields.

### Feature

- ◆ Input Voltage: DC10~58V (Redundant)
- ◆ Operating Temperature: -40°C ~ +85°C
- ◆ Case: IP40 protection, fan-less design
- ◆ Anti-static level: 8KV-15KV
- ◆ MTBF: 100000 Hours
- ◆ CE, ISO, FCC & ROHS Certified

### Application

- ◆ Wireless Access Point
- ◆ IP Camera
- ◆ IP Phone
- ◆ Computer Networks

| Specs & Model No.                                      | GL-7408SFP-GE                      |  |
|--|------------------------------------|--|
| Port   | Fiber                              | 4*1000Base-X   |
|  | RJ45                               | 8*10/100/1000Base-T  |
|  | Managed                            | Support Console  |
|  | Power                              | Phoenix terminal blocks, redundant                                       |
| Distance   | Twisted-pair                       | 0-100meter   |
|  | Single mode Optical Fiber          | 0~100km  |
|  | Multi-mode Optical Fiber           | 550m/2km   |
| Fiber  | Wavelength                         | Dual fiber 850nm,1310nm, 1550nm<br>Single fiber 1310/1550nm, 1490/1550nm |
|  | Connector                          | SC(default)/FC/ST/LC   |
| Networking   | Ring/Star/Bus/Tree/Hybrid Topology | Support  |
|  | Scale                              | Non-limitation   |
| Power  | Input Voltage                      | DC10-58V   |
|  | Power Consumption                  | Non PoE Total power<10W, PoE Total power<132W                            |
| POE (Optional)   | Port                               | 8  |
|  | Protocol                           | IEEE802.3af/at   |
|  | Power                              | 15.4W/25.5W  |
|  | PoE Lines                          | End-span(12+,36-); Mid-span(45+,78-) optional                            |
| Layer 2  | Switching Capacity                 | 40G  |
|  | Packet Forwarding Rate             | 26.7Mpps   |
|  | MAC Address Table                  | 16K  |
|  | Vlan                               | Support 4K   |
|  | Buffer                             | 8M   |
|  | Forwarding Delay                   | <10us  |
|  | RJ45 Port                          | Twisted-pair, adaptive   |
|  | Jumbo Frame                        | 10K bytes  |
|  | Traffic Control                    | Support  |
|  | Spanning Tree                      | Support STP/RSTP/MSTP  |
|  | Ring Protocol                      | Support ERPS   |
|  | Link Aggregation                   | Support 12group  |
|  | Multicast                          | Support IGMP Snooping  |
| Port Mirroring/Storm Control /Interface Counters/ QinQ | Support                            |  |

# GL-7408SFP-GE PoE Switch



| Specs & Model No.    | GL-7408SFP-GE   |  |
|----------------------|---|--|
| Convergence          | ACL   | Support ACL 500,IP standard ACL,MAC expand ACL, IP expand ACL  |
|                      | QoS   | Support QoS re-marking, priority mapping, SP, WRR queue scheduling, engress rate-limited, engress rate-limit, Policy-based QoS |
| Management           | SNMP  | Support SNMPv1/v2c   |
|                      | CLI, Console, Telnet, WEB, System Log, Configuration File Download/Upload, Upgrade Firmware | Support  |
| Mechanical Structure | Installation Method   | Din-rail   |
|                      | LED Indicator   | PWR, Link/ACT  |
|                      | Case  | Fan-less, natural cooling  |
|                      | Dimension   | 143*104*48mm   |
|                      | Weight  | 0.58kg   |
| Working Environment  | Operating Temperature   | -40°C~+85°C  |
|                      | Storage Temperature   | -40°C~+85°C  |
|                      | Relative Humidity   | 5%~95% (non-condensing)  |
|                      | MTBF  | 100,000 Hours  |
| Protection Level     | IP Level  | IP40   |
|                      | Power -Surge Protection   | IEC 61000-4-5 Level 3 (4KV/2KV) (8/20us)   |
|                      | Ethernet Surge Protection   | IEC 61000-4-5 Level 3 (4KV/2KV) (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 Level 4 (30A/m)  |
|                      | DIP   | IEC 61000-4-11 Level3 (10V)  |
|                      | EMI   | CLASS A  |
|                      | ESD   | IEC 61000-4-2 Level 4 (8K/15K)   |
|                      | Free-drop   | 0.5meter   |
|                      | Anti-static   | 8KV-15KV   |

## Structure and Dimension

