



Gigabit Switch

GS-5108M:

8-Port Gigabit Ethernet Mini Switch

Key Features

- Conforms to IEEE 802.3 10BASE-T, IEEE802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T and IEEE 802.3x flow control standards
- Supports 10/100Mbps auto-detect half/full duplex and 1000Mbps at full duplex
- Supports TP interface auto MDI/MDI-X function for auto TX/RX swap
- Supports 802.3x flow control pause packet for full duplex
- LEDs to indicate: 10/100/1000Mbps, Link/Act. and Power Status
- Slim & Compact design

Overview

GS-5108M meets the demand for bandwidth as 8 port Desktop Gigabit switch. This desktop switch seamlessly integrates with the rest of the network through its auto-negotiating, non-blocking design. To break through the bottlenecks at the core of network, GS-5108M provides up to 16Gbps aggregate bandwidth and seamless migration and the most cost effect method for bringing high speed networking to the desktop.

Easy Installation and Configuration

GS-5108M conforms to plug and play for easy installation and use. With diagnostic LEDs, network and port status can be easily monitoring and trouble-shooting. GS-5108 also build in wiring crossover on all ports allows connection to server or PC without worrying about cabling.

Technical Specifications

- **Standard compliance:**
 - IEEE 802.3 10Base-T Ethernet (twisted-pair copper)
 - IEEE 802.3u 100Base-TX Ethernet (twisted-pair copper)
 - IEEE 802.3ab 1000Base-T Ethernet (twisted-pair copper)
 - ANSI/IEEE 802.3 Auto-negotiation
- **MAC Address:** 8K
- **Network Interface:** 8 10/100/1000Mbps RJ-45 ports
- **Flow control:**
 - IEEE802.3x compliant for full-duplex
 - Back pressure flow control for half-duplex
- **Media:**
 - 10BASE-T: UTP Cat. 3, 4, 5 or up
 - 100BASE-TX: UTP Cat. 5 or up
 - 1000BASE-T: UTP Cat. 5 or up
- **Transmission Mode:** 10/100Mbps, full/half-duplex (Auto-sensing)
- **Transfer Rate:**
 - 10Mbps: 14880pps (64 Bytes Package)
 - 100Mbps: 148800pps (64 Bytes Package)
 - 1000Mbps: 1488000pps (64 Bytes Package)
- **Buffer Memory:** 144KB on chip frame buffer
- **Switching Method:** Store & forward
- **Power Supply:** External Switching Power (DC 5V/2A)
- **Power Consumption:** 10W Max.
- **Operation Temperature:** 0 to 50°C
- **Operation Humidity:** 0% to 90%
- **Dimensions :** 27(H) x 159(W) x 102(D) mm
- **Complies with FCC Class A, CE Mark Approval**

Ordering Information

GS-5108M: 8 Port 10/100/1000M Gigabit Ethernet Mini Switch