



## ProSwitch®-GS Unmanaged Gigabit Switches

**Models:** GS1008-1SFP  
GSL1008-1SFP

### Key Highlights

- ▶ Eight 10/100/1000Base-TX ports
- ▶ One mini GBIC slot for 1000Base-SX and LX fiber
- ▶ Add a fiber SFP when you need it
- ▶ Multimode or singlemode fiber connectivity
- ▶ Security housing on GS1008-1SFP model:
  - Designed for easy upgrade and removal of internal switch
  - Protects electronics and limits tampering
  - Cable management for secure connectivity
  - Compact size (11 x 10.5 x 2.25)
  - Easily mounts to wall or table
- ▶ Backed by Waters' limited lifetime warranty

## GS Gigabit Ethernet Switches 10/100/1000Mbps Switches



Model: GSL1008-1SFP

**Waters Network Systems' GS1008 and GSL1008-1SFP** switches provide the ultimate in flexibility for small to medium sized workgroups. Both models are compact eight port switches that deliver power, performance and reliability in a cost-effective space saving design. The GS1008-1SFP includes Waters' unique rugged security housing which protects the electronics and limits tampering. Either model is ideal for classrooms, guest rooms, industrial and commercial installations.

Both switches are designed to be used outside the wiring closet in the end-user workspace. Ideally suited for small workgroups, classrooms or office applications, multiple users can be connected to the LAN with a single drop of cable. The internal power supply assures years of reliable operation.

Eight 10/100/1000Base-TX ports are available for workstations, printers, VoIP phones or other Ethernet devices. An additional slot is available for 1000Base-SX or LX fiber connectivity. This design provides the ultimate in flexibility for both copper and fiber-based LANs.

### Features and Benefits

- **802.3x flow control.** Both models are compliant for full duplex and back pressure flow control for half duplex.
- **MDI/MDI-X function.** Both models provide auto-cross negotiation, so no cross over cables are required.
- **8K jumbo frame support.** Jumbo frame support increases Ethernet speed and helps boost the performance of tasks performed by Gigabit Ethernet servers.

**WATERS NETWORK SYSTEMS**  
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## GS Unmanaged Ethernet Switches

### ORDERING INFORMATION

Model	Description
<b>Unmanaged Ethernet switch with internal power supply and classroom/workgroup housing</b>	
GS1008-1SFP	8 port unmanaged switch with 8 10/100/1000Base-TX RJ45 ports plus 1 mini GBIC slot for 1000Base-SX or LX fiber
<b>Unmanaged Ethernet switch with internal power supply</b>	
GSL1008-1SFP	8 port unmanaged switch with 8 10/100/1000Base-TX RJ45 ports plus 1 mini GBIC slot for 1000Base-SX or LX fiber
<b>SFP Fiber Modules for GS Models</b>	
SFP-1000SXLC	1 port 1000Base-SX MM fiber module with LC connector
SFP-1000LXLC-10	1 port 1000Base-LX SM (10km) fiber module with LC connector
SFP-1000LXLC-30	1 port 1000Base-LX SM (30km) fiber module with LC connector

### SPECIFICATIONS

#### OPERATIONAL CHARACTERISTICS:

MAC Address Table

- ▶ 8K

Switching Mode

- ▶ Store-and-forward

Memory Buffer Size

- ▶ 144KB
- ▶ Jumbo frame support - 8K

Performance

- ▶ Non-blocking wire speed
- ▶ Auto negotiation
- ▶ Auto-MDIX
- ▶ Back pressure flow control for half duplex
- ▶ Flow control for full duplex

#### NETWORK STANDARDS:

- ▶ IEEE 802.3
- ▶ IEEE 802.3u
- ▶ IEEE 802.3ab
- ▶ IEEE 802.3z
- ▶ IEEE 802.3x

#### EMI/SAFETY COMPLIANCE:

FCC Class A & CE  
UL, cUL, CE/EN60950

#### NETWORK CABLE CONNECTORS:

- RJ45 shielded female ports
- ▶ 10/100/1000Mbps: CAT5 UTP or better
  - ▶ MM or SM with LC connectors

#### POWER SUPPLY:

- Internal power supply  
Input Voltage
- ▶ 100 to 240 VAC, 50 to 60Hz
- Power Consumption
- ▶ 6.4 watts maximum

#### OPERATING ENVIRONMENT:

- Ambient Temperature:
- ▶ 32° to 113°F (0° to 45°C)
- Ambient Humidity:
- ▶ 10% to 90% (non-condensing)

#### MECHANICAL:

- Enclosure:
- ▶ Cooling Method: Convection

#### PHYSICAL CHARACTERISTICS:

- Dimensions GS1008-1SFP:
- ▶ 11 x 10.5 x 2.25 in
  - ▶ 279 x 267 x 57mm
- Dimensions GSL1008-1SFP:
- ▶ 8.5 x 5.5 x 1.75 in
  - ▶ 217 x 140 x 43mm

Weight GS1008-1SFP:

- ▶ 3.7lbs (1.68kg)
- Weight GSL1008-1SFP:
- ▶ 2lbs (1.68kg)

#### WARRANTY:

Limited Lifetime