GS-108I

8-Port Desktop Gigabit Ethernet Media Switch

Optimized for Smooth VoIP and Data Exchange
The Zyxel GS-108I 8-Port Desktop Gigabit Ethernet Media Switch connects network devices and the home network at blazing Gigabit speed.

Benefits

Compact, Sturdy Switch with Alternative Wall-Mount Design
The GS-108I fits any environment. Regardless of desktop or wall-mount installation, its sturdy, compact design provides more flexibility for wired home networks.

Fast, Reliable Wired Connectivity
Without any manual configuration, the GS-108I can boost data transfer speed for connected network devices such as IP phones, network storages, PCs and laptops to the network at blazing-fast Gigabit speed.

Optimized for IPTV Deployments
Featuring IGMP v1/2/3 snooping, the GS-108I is optimized for delivering IPTV service to Set-Top Boxes (STB) in a home network. The IGMP functionality prevents multicast flooding of multimedia traffic with the dedicated uplink port.

Green Switch Saves Energy
Compliant with the IEEE 802.3az Energy Efficient Ethernet standard, the GS-108I provides power-saving benefits without compromising performance. The GS-108I can automatically adjust power consumption according to the number of active, connected network devices and cable length; that is, it consumes less power if fewer network devices are connected and active, or when the length of Ethernet cable is shorter.

Compact, sturdy desktop switch with alternative wall-mount installation

Support for IGMP 1/2/3 Snooping to optimize IPTV streaming

Connect up to 8 network devices at Gigabit wire speed

Green switch for energy saving

Detect Cable Length

Adjust Power Usage

Specifications

System Specifications

Standard:
• IEEE 802.3 10BASE-T Ethernet
• IEEE 802.3u 100BASE-TX Fast Ethernet
• IEEE 802.3ab 1000BASE-T
  Gigabit Ethernet
• IEEE 802.3 Nway auto-negotiation
• IEEE 802.3x full duplex operation
  and flow control
• IEEE 802.3az Energy Efficient Ethernet

Performance
• Data transfer rate (half duplex/full
duplex):
  - Ethernet: 10/20 Mbps
  - Fast Ethernet: 100/200 Mbps
  - Gigabit Ethernet: 1000/2000 Mbps
• MAC address table: 8 K
• Memory buffer: 128 KB
• Switching fabric (non-blocking): 16 Gbps

Features:
• IGMP snooping v1/2/3 Support
• Auto-MDI/MDIX in all ports
• Transmission method:
  - Store-and-forward architecture
• Jumbo frame support up to 9 KB

Hardware Specifications

Interface:
• Eight RJ-45 10/100/1000 Mbps Ethernet
  ports with auto MDI/MDIX support

LED Indicator:
• PWR: Power
• Per port: Link/Activity
  - Amber: 10/100 Mbps
  - Green: 1000 Mbps

Power Supply:
• Input: 100-240 V AC
• Output: 5 V DC, 1 A

Power Consumption:
• 3.0 watt max

Physical Specifications

Item dimensions (W x D x H):
• 152 x 80 x 32 mm (5.99" x 3.15" x 1.26")

Item weight:
• 157 g (0.35 lb.)

Packing dimensions (W x D x H):
• 157 x 86 x 96 mm (6.18" x 3.39" x 3.78")

Packing weight:
• 221 g (0.49 lb.)

Environmental Specifications

Operating Environment:
• Temperature: 0°C to 50°C (32°F to 122°F)
• Humidity: 10% ~ 90% (Non-condensing)

Storage Environment:
• Temperature:
  - 40°C to 70°C (-40°F to 158°F)
• Humidity:
  - 10% to 95% (Non-condensing)

Certification:
• CE, FCC Class B

Package Contents:
• Gigabit switch
• Power adapter
• Quick Start Guide

Application Diagram

Cloud Storage · Media Streaming · Game Console · IPTV · Broadband Gateway

Datasheet GS-108I