ZyXEL

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- ■ Plug-and-play, stylish design that fits home environments
- ■ Enjoy smooth multimedia streaming and gaming through QoS ports with 3-level prioritization
- ■ Stream multimedia with blazing-fast Gigabit speed
- ■ Green switch design for energy saving

GS-105S
GS-108S

5/8-Port Desktop Gigabit Ethernet Media Switch

Prioritize Multimedia Streams for Optimized Video and Online Gaming Enjoyments

The ZyXEL GS-105S/GS-108S 5/8-Port Desktop Gigabit Ethernet Media Switch can easily connect multiple media devices to home networks at blazing-fast Gigabit speed simultaneously. Moreover, the newly designed QoS ports of GS-105S/GS-108S allow smooth video streaming and online gaming as well.
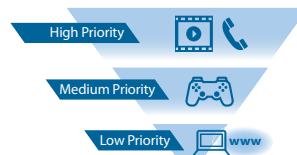
Benefits

Plug-and-play, stylish design

With easy plug-and-play, you can connect the GS-105S/GS-108S to media players, game consoles and smart TVs to your home network without any configuration effort. With its stylish modern look and streamlined design, the GS-105S/GS-108S fits nicely into any home décor.
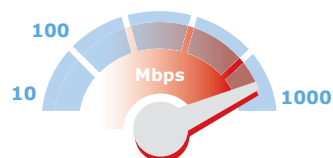
Smooth multimedia streaming and gaming

The ZyXEL GS-105S/GS-108S features QoS ports for you to assign high, medium or low priorities for your preferred network applications. For instance, if you are a movie enthusiast, you can connect media players or smart TVs to the high-priority ports for smooth video streaming and the best home 3D streaming experience. If you prefer lag-free online gaming, simply connect the game console through the high-priority QoS port and assign media players, PC and other network devices to the medium- or low-priority QoS ports according to your need.

High Priority
Medium Priority
Low Priority

Blazing-fast Gigabit speed

The GS-105S/GS-108S 10/100/1000 Mbps switch is designed for reliable high-performance media networks 10 times faster than Fast Ethernet connections. It perfectly fulfills the demands for multimedia streaming and online gaming.

100
10   Mbps   1000

Detect Cable Length

Adjust Power Usage

GS-105S
GS-108S
5/8-Port Desktop Gigabit Ethernet Media Switch

Green switch saves energy

Compliant with the IEEE 802.3az Energy Efficient Ethernet standard, the GS-105S/GS-108S provides power-saving benefits without compromising performance. Moreover, the GS-105S/GS-108S automatically adjusts power consumption according to the number of active, connected network devices and cable length. That is, fewer active connected network devices or shorter Ethernet cable length allows the switch to consume less power.

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:
  ▪ GS-105S: 2 K
  ▪ GS-108S: 8 K
• Memory buffer:
  ▪ GS-105S: 128 KB
  ▪ GS-108S: 128 KB
• Switching fabric (non-blocking):
  ▪ GS-105S: 10 Gbps
  ▪ GS-108S: 16 Gbps

Features
• Auto-MDI/MDIX in all ports
• Transmission method:
  ▪ Store-and-forward architecture
• Port-based QoS support
• Jumbo frame support up to 9 KB
• IGMP snooping v1/v2 support (GS-105S)

Hardware Specifications

Interface
• GS-105S: Five RJ-45 10/100/1000 Mbps Ethernet ports with auto MDI/MDIX support
• GS-108S: Eight RJ-45 10/100/1000 Mbps Ethernet ports with auto MDI/MDIX support

QoS Ports
• GS-105S: One high-priority QoS port, two medium-priority QoS ports, and two low-priority QoS ports
• GS-108S: Two high-priority QoS ports, two medium-priority QoS ports, and four low-priority QoS ports

LED Indicator
• PWR: Power
• Per port: Link/Activity

Power Supply
• GS-105S:
  ▪ Input: 100-240 V AC
  ▪ Output: 5 V DC, 1 A
• GS-108S:
  ▪ Input: 100-240 V AC
  ▪ Output: 5 V DC, 1 A

Power Consumption
• GS-105S: 2.5 watt max.
• GS-108S: 4.5 watt max.

Physical Specifications

• Item dimensions (WxDxH):
  ▪ GS-105S: 106 x 75 x 32 mm (4.17" x 2.95" x 1.26")
  ▪ GS-108S: 152 x 80 x 32 mm (5.99" x 3.15" x 1.26")
• Item weight:
  ▪ GS-105S: 105 g (0.23 lb.)
  ▪ GS-108S: 150 g (0.33 lb.)
• Packing dimensions (WxDxH):
  ▪ GS-105S: 127 x 82 x 95 mm (5.00" x 3.23" x 3.74")
  ▪ GS-108S: 157 x 86 x 96 mm (6.18" x 3.39" x 3.78")
• Packing weight:
  ▪ GS-105S: 205 g (0.45 lb.)
  ▪ GS-108S: 250 g (0.55 lb.)

Environmental Specifications

Operating Environment
• Temperature: 0°C to 40°C (32°F to 104°F)
• Humidity: 10% to 90% (Non-condensing)

Storage Environment
• Temperature: -20°C to 70°C (-4°F to 158°F)
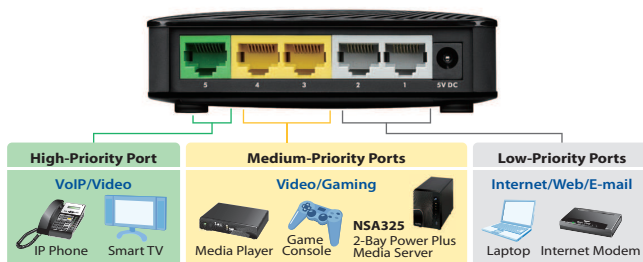• Humidity: 10% to 90% (Non-condensing)

Certification

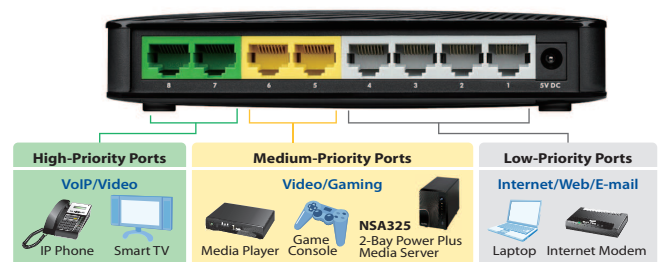• CE, FCC Class B, C-Tick, BSMI

Package Contents

• Gigabit switch
• Power adapter
• Quick start guide
• Warranty card

Application Diagram

GS-105S

High-Priority Port	Medium-Priority Ports	Low-Priority Ports
VoIP/Video	Video/Gaming	Internet/Web/E-mail
IP Phone Smart TV	Media Player Game Console NSA325 2-Bay Power Plus Media Server	Laptop Internet Modem

GS-108S

High-Priority Ports	Medium-Priority Ports	Low-Priority Ports
VoIP/Video	Video/Gaming	Internet/Web/E-mail
IP Phone Smart TV	Media Player Game Console NSA325 2-Bay Power Plus Media Server	Laptop Internet Modem

For more product information, visit us on the web at www.ZyXEL.com

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