High-performance Gigabit for Optimized Video and Online Gaming Experience

- **Smooth multimedia streaming and gaming through QoS ports with 3-level prioritization**
- **Bi-color LED indicators for Ethernet port status**
- **Plug-and-play, stylish design fitting all home environments**
- **Multimedia streaming with blazing-fast Gigabit connection**
- **Green Ethernet for energy saving**

The ZyXEL GS-105S v2/108S v2 5/8-Port Desktop Gigabit Ethernet Media Switch can easily connect multiple media devices to home networks at blazing-fast Gigabit simultaneously. Moreover, the newly designed GS-105S v2/108S v2 allow smooth video streaming and online gaming activities.

Benefits

Plug-and-play, stylish design

With the easy plug-and-play features, you can connect the ZyXEL GS-105S v2/108S v2 to VoIP, media players, game consoles, TV set-top box or Web browsing devices to your home network without any configuration effort. The stylish modern look and streamlined design also make the GS-105S v2/108S v2 fits nicely in the house.

Bi-color LED indicators for Ethernet port status

The ZyXEL GS-105S v2/GS-108S v2 features auto-sensing function and front Gigabit Ethernet ports with easy-to-understand LED indicators, which allows users to quickly check link and activity status at a glance.

Smooth multimedia streaming and gaming

The ZyXEL GS-105S v2/GS-108S v2 features QoS ports for users to assign high, medium and low priorities for preferred network applications. For instance, you can connect VoIP or media players to the high-priority ports for simultaneous high-quality voice and the multimedia streaming experience at home. For online gaming, simply connect the game console through the medium-priority QoS port while plugging PC and laptops for Web browsing to the low-priority QoS ports according to your need.

Blazing-fast Gigabit data transmission

The ZyXEL GS-105S v2/108S v2 10/100/1000 Mbps switch is designed to provide reliable high-performance media network connectivity 10 times faster than Fast Ethernet. It perfectly fulfills the demands for multimedia streaming and online gaming at the same time.

Green Ethernet for energy saving

Compliant with the IEEE 802.3az Energy Efficient Ethernet standard as "Green Ethernet", the ZyXEL GS-105S v2/108S v2 provides power-saving benefits without compromising performance. Moreover, the GS-105S v2/GS-108S v2 automatically detects power consumption according to the number of active connected network devices and cable length. With fewer active connected network devices or shorter Ethernet cable length, the switches will consume less power accordingly.

ZyXEL green

GS-105S v2
GS-108S v2
5-Port/8-Port Desktop Gigabit Ethernet Media Switch

Cable Length Detection

Inactive Link Detection

GS-105S v2/GS-108S v2

5-Port/8-Port Desktop Gigabit Ethernet Media Switch

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 v2: 2 K
  - GS-108S v2: 8 K
- Memory buffer:
  - GS-105S v2: 128 KB
  - GS-108S v2: 128 KB
- Switching fabric (non-blocking):
  - GS-105S v2: 10 Gbps
  - GS-108S v2: 16 Gbps

Features

- Auto-MDI/MDIX in all ports
- Transmission method:
  - Store-and-forward architecture
- Port-based Quality of Service (QoS) support
- Jumbo Frame support up to 9 KB
- IGMP snooping v1/v2 support (Forwarding) (GS-105S v2)

Hardware Specifications

Interface

- GS-105S v2: Five RJ-45 10/100/1000 Mbps Ethernet ports with auto MDI/MDIX support
- GS-108S v2: Eight RJ-45 10/100/1000 Mbps Ethernet ports with auto MDI/MDIX support

QoS Ports

- GS-105S v2: One high-priority QoS port, two medium-priority QoS ports, and two low-priority QoS ports
- GS-108S v2: Two high-priority QoS ports, two medium-priority QoS ports, and four low-priority QoS ports

LED Indicator

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

Power Supply

- GS-105S v2:
  - Input: 100 to 240 V AC
  - Output: 5 V DC, 1 A
- GS-108S v2:
  - Input: 100 to 240 V AC
  - Output: 5 V DC, 1 A

Power Consumption

- GS-105S v2: 2.5 watt max.
- GS-108S v2: 3.0 watt max.

Physical Specifications

- Item dimensions (WxDxH):
  - GS-105S v2: 106 x 75 x 32 mm (4.17" x 2.95" x 1.26")
  - GS-108S v2: 152 x 80 x 32 mm (5.99" x 3.15" x 1.26")
- Item weight:
  - GS-105S v2: 105 g (0.23 lb.)
  - GS-108S v2: 150 g (0.33 lb.)
- Packing dimensions (WxDxH):
  - GS-105S v2: 127 x 82 x 95 mm (5.00" x 3.23" x 3.74")
  - GS-108S v2: 157 x 86 x 96 mm (6.18" x 3.39" x 3.78")
- Packing weight:
  - GS-105S v2: 205 g (0.45 lb.)
  - GS-108S v2: 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 (-40°F to 158°F)
- Humidity: 10% to 90% (Non-condensing)

Certification

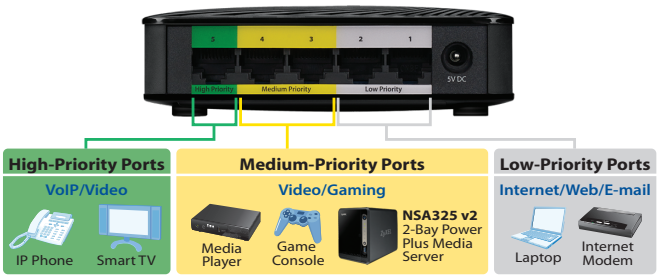
- CE, FCC Class B, BSMI

Packing Contents

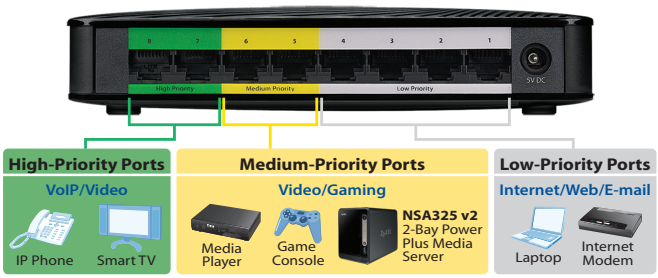
- Gigabit switch
- Power adapter
- User's guide
- Warranty card

Application Diagram

GS-105S v2



GS-108S v2



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