



Optimized for Smooth VoIP and Data Exchange

- Compact, sturdy desktop switch with alternative wall-mount installation
- Connect up to 5/8 network devices at Gigabit wire speed
- QoS ports for optimized, smooth VoIP and data transfer of high- and medium-priority applications
- Green switch for energy saving
- Loop detection prevents network from crashing

The ZyXEL GS-105B v2/GS-108B v2 5/8-Port Desktop Gigabit Ethernet Switch connects network devices and the home network at blazing Gigabit speed. The newly designed QoS ports guarantee smooth transfer for bandwidth-intensive applications such as VoIP and data communications.

Benefits

Compact, sturdy switch with alternative wall-mount design

The GS-105B v2/GS-108B v2 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-105B v2/GS-108B v2 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 smooth VoIP and data exchange

The GS-105B v2/GS-108B v2 has 3/4 QoS ports with an assigned high- and medium-priority mechanism to enhance the stability of VoIP and data exchange. Just connect network devices such as IP phones, PCs, laptops or network storages to the high-priority or medium-priority ports of your choice, you can then enjoy smooth VoIP communication and data transfer at the same time.

Green switch saves energy

Compliant with the IEEE 802.3az Energy Efficient Ethernet standard, the GS-105B v2/GS-108B v2 provides power-saving benefits without compromising performance. The GS-105B v2/GS-108B v2 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.



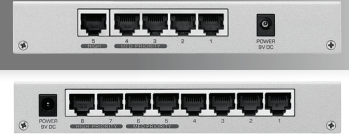
GS-105B v2
GS-108B v2
5/8-Port Desktop Gigabit Ethernet Switch



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

Features

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

Hardware Specifications

Interface

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

QoS Ports

- GS-105B v2: One high-priority QoS port and two medium-priority QoS ports
- GS-108B v2: Two high-priority QoS ports and two medium-priority QoS ports

LED Indicator

- PWR: Power
- Per port: Link/Activity

Power Supply

- GS-105B v2:
 - Input: 100 - 240 V AC
 - Output: 9 V DC, 0.6 A
- GS-108B v2:
 - Input: 100-240 V AC
 - Output: 9 V DC, 0.85 A

Power Consumption

- GS-105B v2: 3.5 watt max.
- GS-108B v2: 5.5 watt max.

Physical Specifications

- Item dimensions (WxDxH):
 - 164 x 98 x 26 mm (6.46" x 3.86" x 1.02")
- Item weight:
 - GS-105B v2: 369 g (0.81 lb.)
 - GS-108B v2: 392 g (0.86 lb.)
- Packing dimensions (WxDxH):
 - 170 x 108 x 92 mm (6.70" x 4.25" x 3.62")
- Packing weight:
 - GS-105B v2: 537 g (1.18 lb.)
 - GS-108B v2: 559 g (1.23 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: -40°C to 70°C (-40°F to 158°F)
- Humidity: 5% to 90% (Non-condensing)

Certification

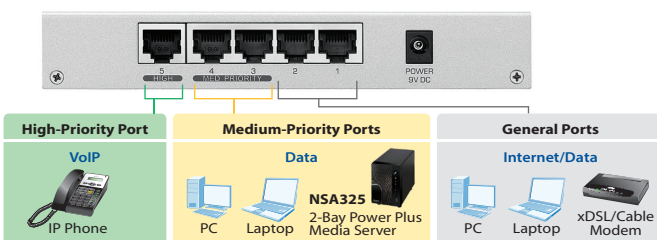
- CE, FCC Class B, C-Tick, BSMI

Package Contents

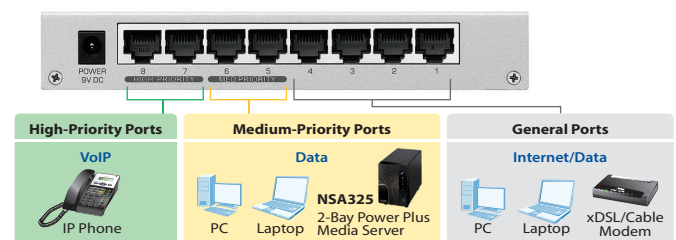
- Gigabit switch
- Power adapter
- Quick start guide
- Warranty card

Application Diagram

GS-105B v2



GS-108B v2



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



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