ZYXEL
N E T W O R K S

GS-105B v5/GS-108B v5

5/8-Port GbE Unmanaged Switch

The GS-105B v5 and GS-108B v5 are the most compact desktop switches newly introduced in Zyxel Switching portfolio. These two mini-sized 5-port and 8-port desktop unmanaged switches connect network devices for studio or small office network at Gigabit speed. The QoS ports guarantee high quality of video or voice data transmission.

Benefits

Fast, reliable wired connectivity

Without any manual configuration, the GS-105B v5/GS-108B v5 can boost data transfer speed for connected network devices such as IP phones, network storages, PCs and laptops to the network at Gigabit speed just with plug-and play.

Surfing the network just plug and play

QoS ports optimize performance of network applications

Mini size fits desktop and wall-mounting installations

Durable metal housing design

Silent, and green switch for energy efficiency

IP Phone   Laptop   NAS   Computer   Router

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Mini, sturdy switch with alternative wall-mount design

The compact size of the GS-105B v5/GS-108B v5 fits most network installations in your office, whether placed on a desktop or wall-mounted. The durable metal housing design withstands physical impacts and dissipates heat more efficiently, ensuring a stable network experience, better performance, and increased longevity.

Optimized for smooth VoIP and data exchange

The GS-105B v5 and GS-108B v5 feature with 3 and 4 QoS ports respectively. The QoS ports come 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 v5/GS-108B v5 offers power-saving benefits by detecting link status and consuming power more efficiently, all without compromising performance. The fanless design ensures all-time silent operation. They are perfect for noise-free working environments.

Specifications

Model	GS-105B v5	GS-108B v5
Product name	5-Port GbE Unmanaged Switch	8-Port GbE Unmanaged Switch

Port Density		
Total port count	5	8
100/1000Mbps	5	8
Performance		
Switching capacity (Gbps)	10	16
Forwarding rate (Mpps)	7.4	11.5
Packet buffer (byte)	128KB	192KB
MAC address table	2K	4K
Jumbo frame (byte)	9KB	9KB
Power		
Adapter AC input	100 - 240V AC, 50/60Hz	100 - 240V AC, 50/60Hz
Adapter DC output	5V 1A	5V 1A
Power supply	External	External
Max. power consumption (watts)	2.99	4.82
Min. power consumption (watts)	0.44	0.57
DC jack size (mm/in.)	5.5 x 2.1/0.22 x 0.08	5.5 x 2.1/0.22 x 0.08
Physical Specifications		
Item	Dimensions (WxDxH)(mm/in.)	82.5 x 46.8 x 24/3.25 x 1.84 x 0.94	126 x 51.8 x 24/4.96 x 2.04 x 0.94
	Weight (kg/lb.)	0.11/0.24	0.176/0.39
Green Features		
Energy-Efficient Ethernet	Yes	Yes
Environmental Specifications		
Operating	Temperature	0°C to 40°C/32°F to 104°F	0°C to 40°C/32°F to 104°F
	Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)
Storage	Temperature	-40°C to 70°C/-40°F to 158°F	-40°C to 70°C/-40°F to 158°F
	Humidity	5% to 95% (non-condensing)	5% to 95% (non-condensing)
MTBF (hr)	259,047	242,438
Heat dissipation (BTU/hr)	10.2	16.45
Acoustic noise @ 25°C (min/max, dBA)	Fanless, 0	Fanless, 0

Standard Compliance

- 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

Features

- Auto-MDI/MDIX in all ports
- Transmission method:
  - Store-and-forward architecture
- Port-based QoS support
- RJ-45 Ethernet port with metal shielding
- Power saving
- Durable metal housing
- Desktop and wall mount
- Fanless

QoS Ports

- GS-105B v5:
  - Port 3-4: medium-priority QoS ports
  - Port 5: high-priority QoS port
- GS-108B v5:
  - Port 5-6: medium-priority QoS ports
  - Port 7-8: high-priority QoS ports

LED Indicator

- PWR: Power
- Per port: Link/Activity
  - Green on: 10/100/1000Mbps
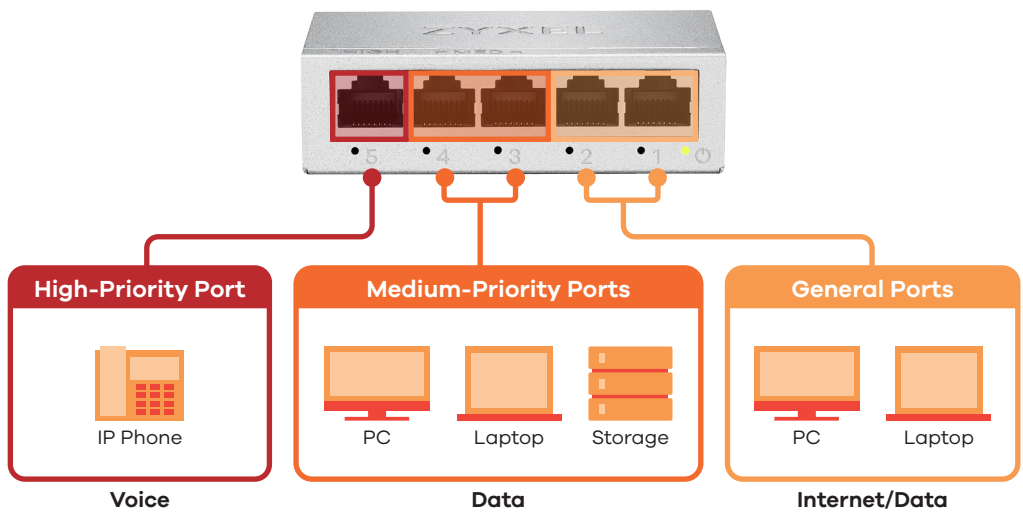 - Blinking green: sending or receiving data

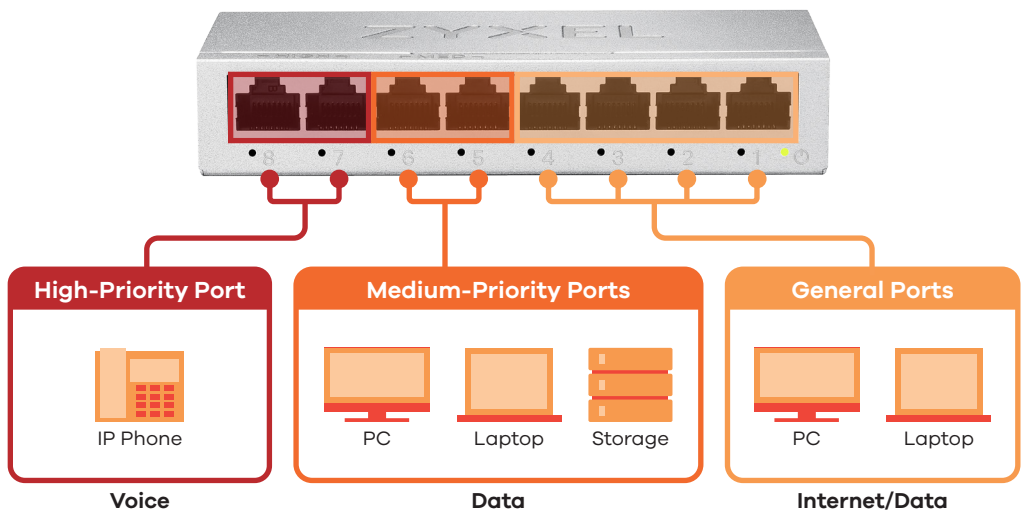## Certification

- CE, EAC, FCC, BSMI Class B

Package Contents

- Switch
- Power adapter
- Rubber foot
- Wall mount kit
- Safety warning and doc.

Application Diagram

GS-105B v5

High-Priority Port	Medium-Priority Ports	General Ports
IP Phone	PC · Laptop · Storage	PC · Laptop
Voice	**Data**	**Internet/Data**

GS-108B v5

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IP Phone	PC · Laptop · Storage	PC · Laptop
Voice	**Data**	**Internet/Data**

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