ZYXEL NETWORKS

GS-105B v5/GS-108B v5

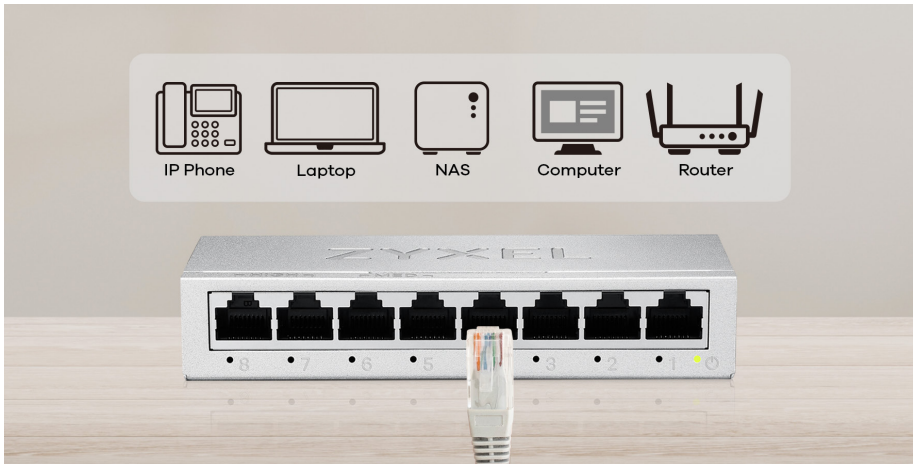
5/8-Port GbE Unmanaged Switch

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

Datasheet GS-105B v5/GS-108B v5

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

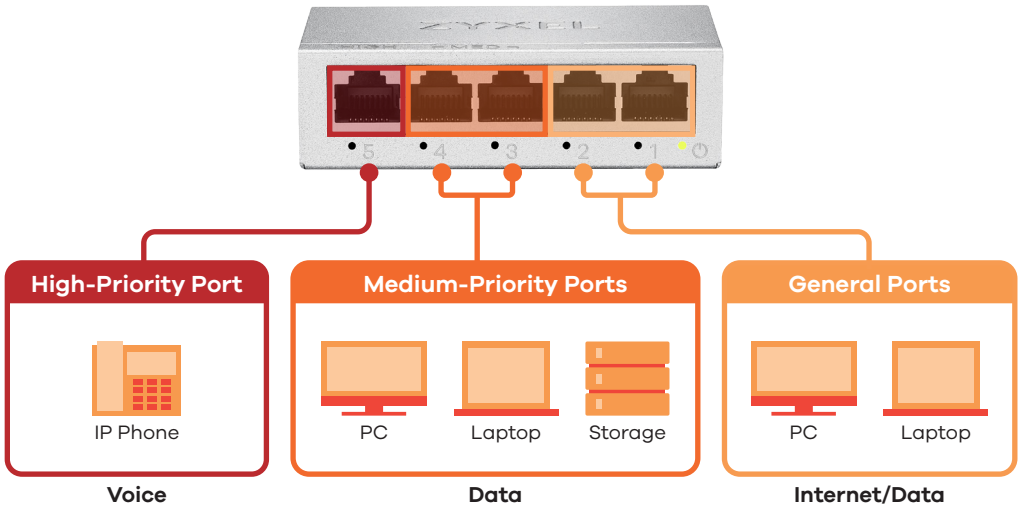
- CE, EAC, FCC, BSMI Class B

Package Contents

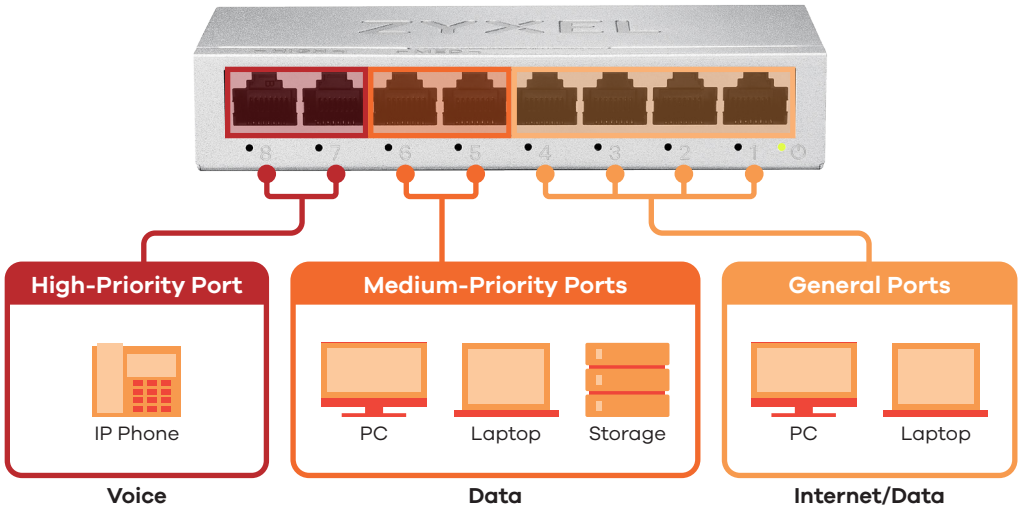
- Switch
- Power adapter
- Rubber foot
- Wall mount kit
- Safety warning and doc.

Application Diagram

GS-105B v5



GS-108B v5



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