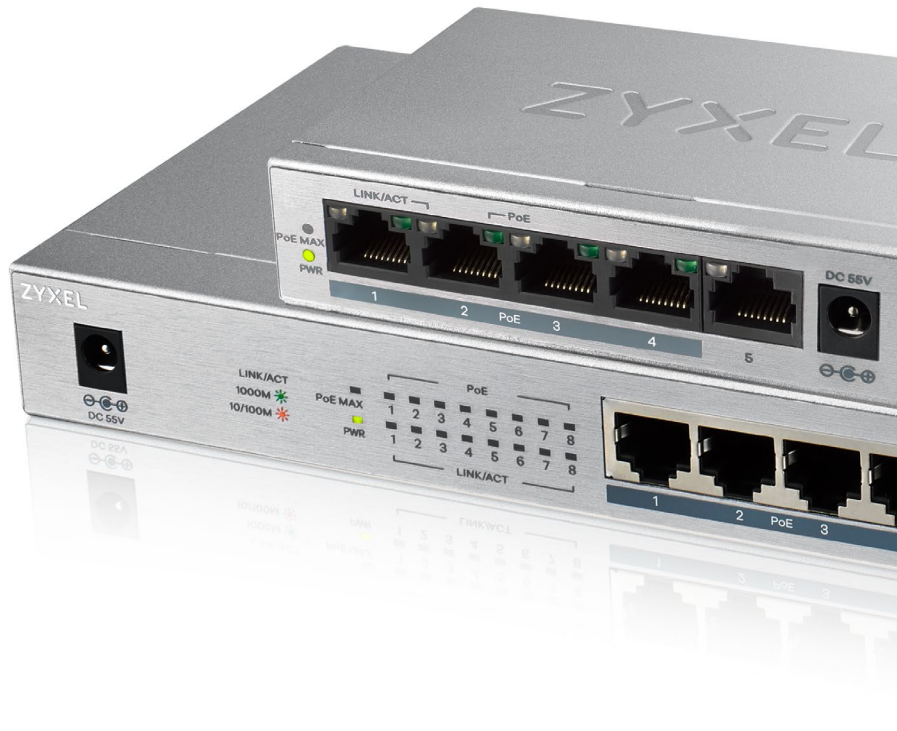




GS1005HP/GS1008HP

5-port/8-port GbE Unmanaged PoE Switch

The Zyxel GS1005HP/GS1008HP GbE Unmanaged PoE Switch is equipped with 5 or 8 Gigabit Ethernet ports, 4 of which are PoE ports that can deliver up to 60 w of total PoE budget. The GS1005HP/1008HP can easily connect with PoE ready devices to your network with plug-and-play design and provides power-saving benefits without compromising performance. The GS1005HP/1008HP fills a long-standing hole in the market for unmanaged PoE switches that feature the 802.3at standard, have a high power budget and are affordable for SOHOs and small businesses.



60 watts of total output on 4/8 Gigabit PoE+ ports



LED indicators for PoE budget management



Fast Gigabit connection



Advanced energy-savings



Fanless, noiseless design

Benefits

Smart PoE+ 802.3af/802.3at support

The Zyxel GS1005HP/GS1008HP GbE Unmanaged PoE Switch supports the IEEE 802.3at standard, providing a maximum of 30 watts per port (with a max total power budget of 60 watts) to supply power to PoE network devices such as wireless APs, IP cameras, and VoIP phones.



Easy PoE budget management

The Zyxel GS1005HP/GS1008HP boasts a total power budget of 60 w and features a handy LED indicator that shows orange when the 50 w threshold is reached.



Gigabit data transmission

Featuring Gigabit performance, it provides 10 times faster than Fast Ethernet. Delivers up to 2,000 Mbps of dedicated bandwidth per port.



Fanless, noiseless design

Fanless design ensures noiseless operation and greater reliability over time with no moving parts that may fail.



Advanced energy-savings at work

IEEE 802.3az Energy Efficient Ethernet (EEE) function automatically detects network traffic and adjusts power consumption dynamically.



Specifications

Model		GS1005HP	GS1008HP
Product name		5-port GbE Unmanaged PoE Switch	8-port GbE Unmanaged PoE Switch
			
Port Density			
Total port count		5	8
1000BASE-T		1	0
1000BASE-T PoE		4	8
PoE			
High Power PoE 802.3at		Yes	Yes
Total PoE budget (watts)		60	60
PoE Ports		4	8
Performance			
Switching capacity		10 Gbps	16 Gbps
Memory buffer		128 KB	192 KB
MAC address		2 K	4 K
Jumbo frame		9 KB	9 KB
LED			
Power		Yes	Yes
Per port		Yes	Yes
PoE power status		Yes (Max)	Yes (Max)
Power			
Input voltage		55 V/1.3 A	55 V/1.3 A
Power supply		External	External
Maximum power consumption (watt)		72	72
Physical Specifications			
Item dimensions (WxDxH)		121 x 75 x 26 mm (4.76" x 2.95" x 1.02")	240x 105 x 26 mm (9.45" x 4.13" x 1.02")
Item weight		235 g (0.52 lb.)	610 g (1.34 lb.)
Packing dimensions (WxDxH)		210 x 132 x 78 mm (8.27" x 5.20" x 3.07")	256 x 132 x 78 mm (10.08" x 5.20" x 3.07")
Packing weight		834 g (1.84 lb.)	1260 g (2.78 lb.)
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	10% to 90% (non-condensing)	10% to 90% (non-condensing)

Specifications

Standard Compliance

- IEEE 802.3 10BASE-TX Ethernet
- IEEE 802.3u 100BASE-TX Ethernet
- IEEE 802.3ab 1000BASE-T Ethernet
- ANSI/IEEE 802.3 NWay Auto-negotiation
- IEEE 802.3x Flow Control
- IEEE 802.1p QoS
- IEEE 802.3az Energy Efficient Ethernet (EEE)

Features

- Compatible With PoE/PoE+ IEEE 802.3 af/at Compliant PDs
- Auto-MDI/MDIX in all ports
- Transmission method: Store-and-forward architecture
- Fanless Design
- Auto sense PoE device

LED Indicator

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

Certifications

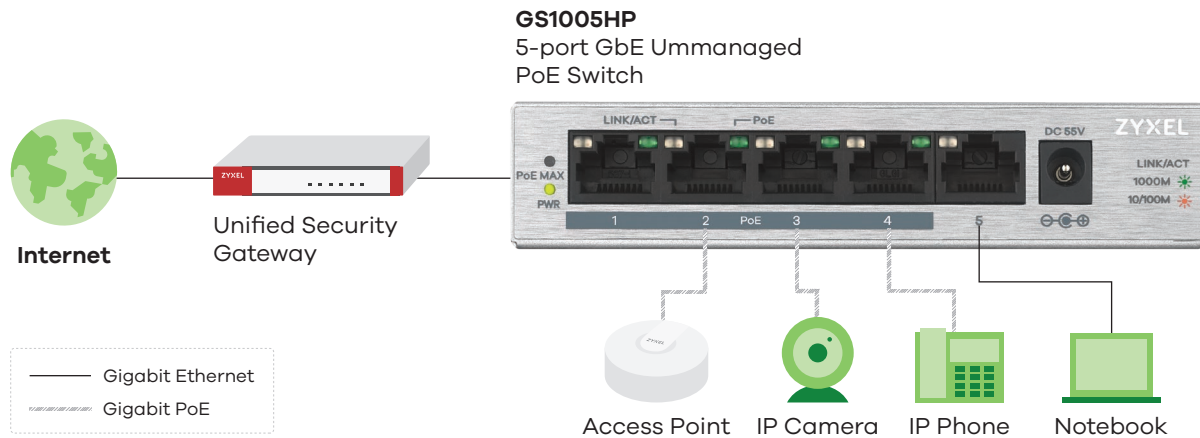
- Safety: CE-LVD, BSMI
- EMC: CE, FCC, BSMI, EAC Class A

Package Contents

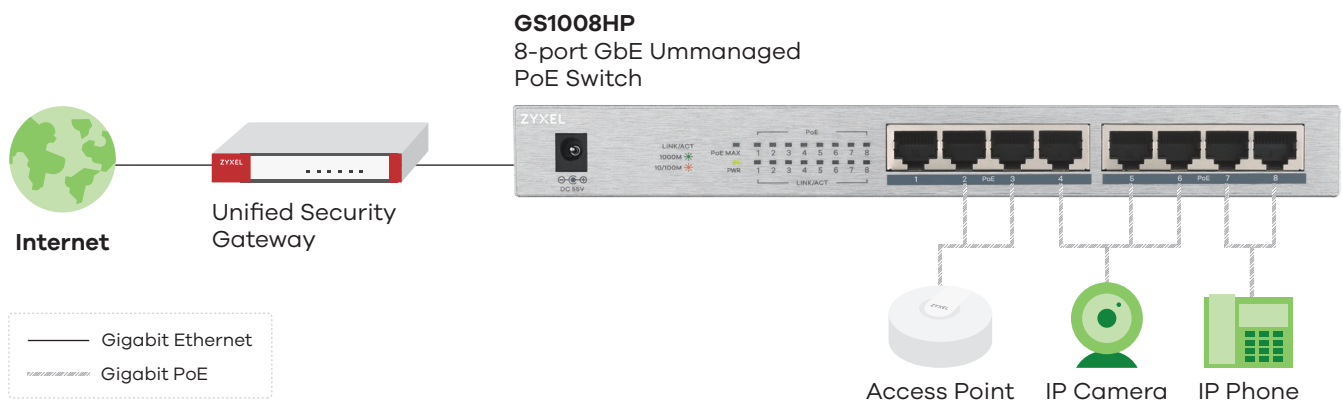
- Switch
- Power adapter
- Power cord
- Quick Start Guide
- Safety warning and DoC
- Rubber foot pads

Application Diagram

GS1005HP



GS1008HP



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

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Datasheet **GS1005HP/GS1008HP**



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