

## 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	
<b>Product name</b>	5-port GbE Unmanaged PoE Switch	8-port GbE Unmanaged PoE Switch	
 			
<b>Port Density</b>			
<b>Total port count</b>	5	8	
<b>1000BASE-T</b>	5	8	
<b>PoE</b>			
<b>802.3at PoE ports</b>	4	8	
<b>Total PoE budget (watts)</b>	60	60	
<b>Performance</b>			
<b>Switching capacity</b>	10 Gbps	16 Gbps	
<b>Memory buffer</b>	128 KB	192 KB	
<b>MAC address</b>	2 K	4 K	
<b>Jumbo frame</b>	9 KB	9 KB	
<b>LED</b>			
<b>Power</b>	Yes	Yes	
<b>Per port</b>	Yes	Yes	
<b>PoE power status</b>	Yes (Max)	Yes (Max)	
<b>Power</b>			
<b>Input</b>	100 - 240 V AC, 50/60 Hz	100 - 240 V AC, 50/60 Hz	
<b>Power supply</b>	External	External	
<b>Max. power consumption (watts)</b>	71.99	78.69	
<b>Min. power consumption (watts)</b>	0.825	1.54	
<b>Physical Specifications</b>			
<b>Item</b>	<b>Dimensions (WxDxH)(mm/in)</b>	121 x 75 x 26/4.76 x 2.95 x 1.02	240 x 105 x 26/9.45 x 4.13 x 1.02
	<b>Weight (g/lb.)</b>	235/0.52	610/1.34
<b>Packing</b>	<b>Dimensions (WxDxH)(mm/in)</b>	210 x 132 x 78/8.27 x 5.20 x 3.07	256 x 132 x 78/10.08 x 5.20 x 3.07
	<b>Weight (g/lb.)</b>	834/1.84	1,260/2.78
<b>Environmental Specifications</b>			
<b>Operating</b>	<b>Temperature</b>	0°C to 40°C/32°F to 104°F	0°C to 40°C/32°F to 104°F
	<b>Humidity</b>	10% to 90% (non-condensing)	10% to 90% (non-condensing)
<b>Storage</b>	<b>Temperature</b>	-40°C to 70°C/-40°F to 158°F	-40°C to 70°C/-40°F to 158°F
	<b>Humidity</b>	10% to 90% (non-condensing)	10% to 90% (non-condensing)

### 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

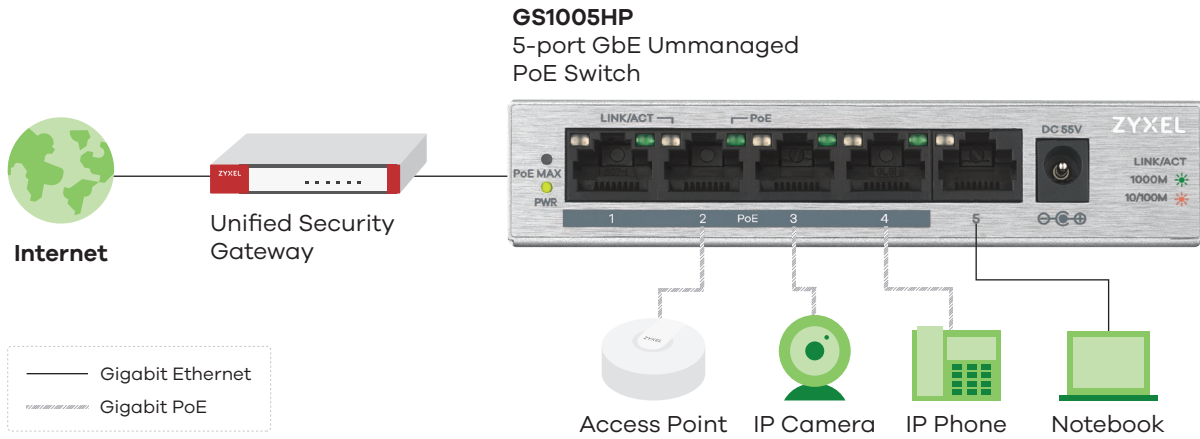
- Safety: CE-LVD, BSMI
- EMC: CE, EAC, FCC, BSMI Class B

## Package Contents

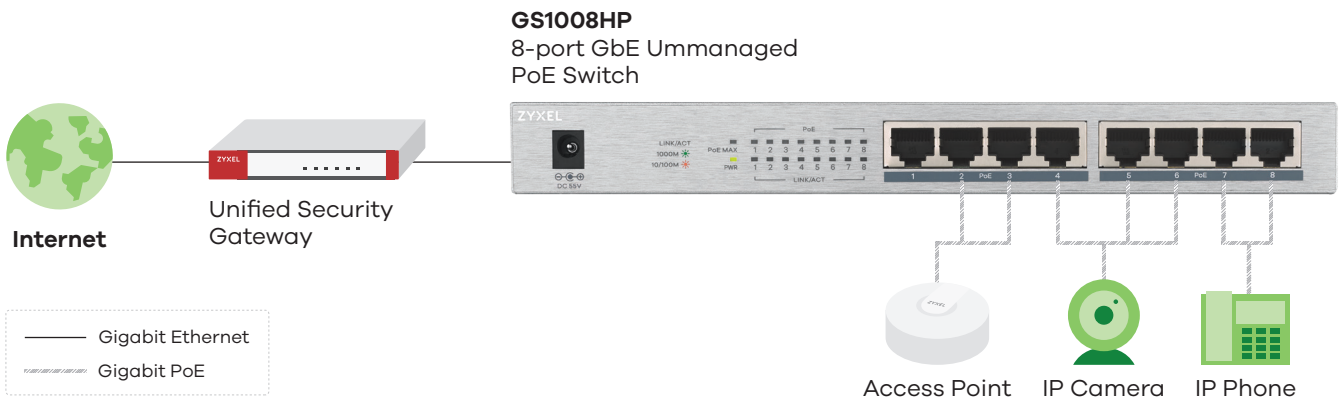
- Switch
- Power adapter
- Power cord
- Quick Start Guide
- Safety warning and doc.
- Rubber foot pads

## Application Diagram

### GS1005HP



### GS1008HP



For more product information, visit us on the web at [www.zyxel.com](http://www.zyxel.com)

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14/02/23