

GS1200-5HP v2/GS1200-8HP v2

5-Port/8-Port Web Managed PoE Gigabit Switch

The Zyxel GS1200-5HP v2/GS1200-8HP v2 is equipped with 5 or 8 Gigabit ports includes 4 PoE ports compliance with IEEE 802.3at and automatically detect and supply power up to 60W total PoE budget.

However, the Zyxel GS1200-5HP v2/GS1200-8HP v2 is more than just a typical PoE switch. It comes with an easy-to-use web configuration to prioritize, limit and/or protect network traffics. It has been designed specifically for customers who require simple control functions for office network management.



60 Watts of total output on 4 Gigabit PoE ports



Link aggregation increases bandwidth between 2 Ethernet ports



Quality of Service for better traffic control



Multicast IGMP snooping v1/v2 and v3 compatible for streaming applications



Virtual LAN for enhanced network security



Easy web management



Advanced energy-savings at work

Benefits

Smart PoE+ 802.3af/802.3at support

The GS1200 series 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 like wireless APs, IP cameras and VoIP phones. Web GUI management enables you to monitor the power status on each port and/or reboot the network devices, as needed.



Quality of Service

Port-based Quality of Service for better voice and video traffic control. Optimizing access bandwidth on the network.



Link aggregation

Increases bigger bandwidth between 2 Ethernet ports to support aggregated uplink/downlink traffic.



VLAN

Segregating network into small groups for enhanced network security and efficiency





IGMP snooping

Optimizing network efficiency on multicast traffic delivery without the need of an extra multicast router.



Specifications

Model	GS1200-5HP v2	GS1200-8HP v2	
Product name	5-Port GbE Web Managed PoE Switch	8-Port GbE Web Managed PoE Switch	
			
Port Density			
Total port count	5	8	
1000BASE-T	1	4	
1000BASE-T PoE	4	4	
Performance			
Switching capacity	10 Gbps	16 Gbps	
Forwarding rate	7.44 Mpps	11.9 Mpps	
Packet buffer	128 KB	192 KB	
MAC address	2K	4K	
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	
PoE power budget (watt)	60	60	
Physical Specifications			
Item	Dimensions (WxDxH)(mm/in.)	193 x 84 x 26/7.60 x 3.31 x 1.02	240 x 105 x 26/9.45 x 4.13 x 1.02
	Weight (g/lb.)	392/0.86	584/1.29
Packing	Dimensions (WxDxH)(mm/in.)	210 x 132 x 78/8.26 x 5.20 x 3.07	256 x 132 x 78/10.08 x 5.20 x 3.07
	Weight (g/lb.)	950/2.10	1,153/2.54
Environmental Specifications			
Operating environment	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 environment	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)

Standard Compliance

- IEEE 802.3u 100BASE-TX Ethernet
- IEEE 802.3ab 1000BASE-T Ethernet
- IEEE 802.3az EEE support
- IEEE 802.3x flow control
- IEEE 802.3z 1000BASE-X
- IEEE 802.1p CoS
- IEEE 802.3af PoE
- IEEE 802.3at PoE Plus (30W per port)
- Auto MDI/MDI-X
- IEEE 802.1Q VLAN tagging

Features

- Web-based management
- System password
- VLAN (Port supported)
 - GS1200-5HP v2: 5 ports
 - GS1200-8HP v2: 8 ports

- Port-based QoS
- 802.1p CoS
- Broadcast storm control
- Loop detection/prevention
- DHCP client
- Link aggregation
 - GS1200-5HP v2: one LAG (Port 3&4)
 - GS1200-8HP v2: two LAGs (Port 3&4, Port 7&8)
- Port mirroring
- Weighted Round Robin (WRR) priority QoS
- IGMP snooping v1/v2/and v3 compatible
- Supported multicast groups: 128
- Firmware update

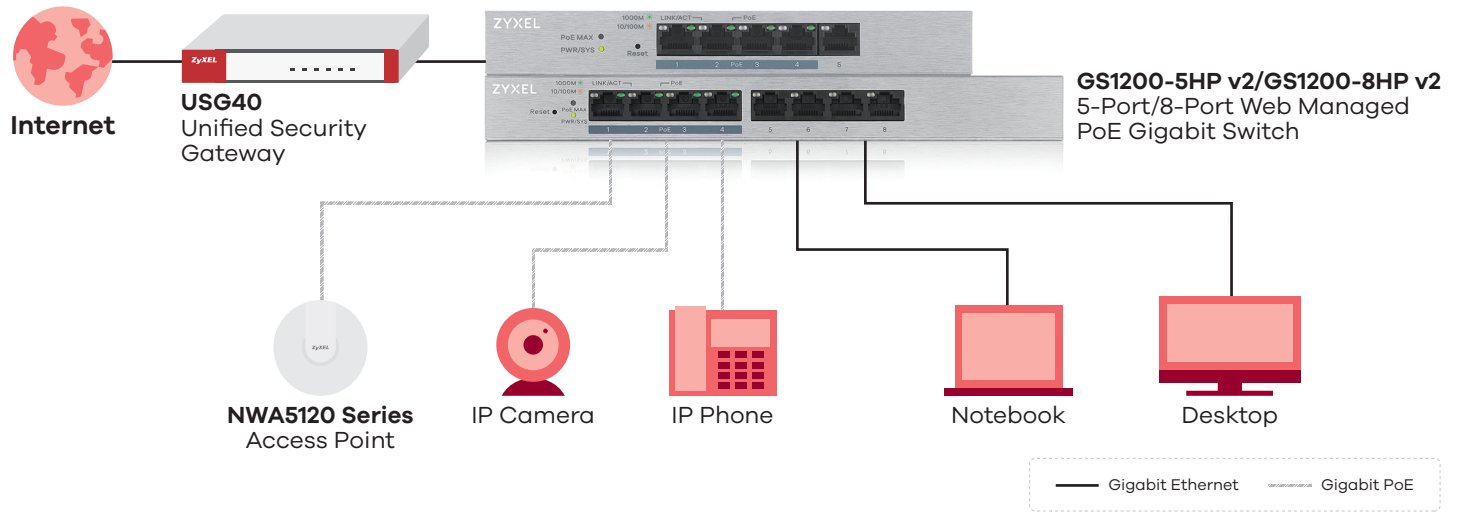
Certification

- 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



Easy Web-based Management Interface

System

ZYXEL GS1200-SHP v2

System Information

Model Name	Device Name	Firmware Version	Loop Status
GS1200-SHP v2	GS1200-SHP v2	V1.00/ABKN Q1C0	Normal

MAC Address	IP Address	Subnet Mask	Gateway
00:23:79:00:23:79	192.168.1.3	255.255.255.0	0.0.0.0

PoE Total Power	PoE Total Power Left	PoE MAX LED Power
80W	55.4W	50W

Per Port Status

Port	Link Status	TX(Pkts)	RX(Pkts)	Loop Status	PoE Status (W)
1	100 Mbps	5,881	1,145	Normal	4.6
2	Down	0	0	Normal	0
3	1000 Mbps	5,830	6,156	Normal	0
4	100 Mbps	5,454	4,017	Normal	0
5	1000 Mbps	14,441	5,723	Normal	N/A

Port

ZYXEL GS1200-SHP v2

Storm Control

Broadcast Storm Control: Enable pps (Range 1-500,000)

Loop Detection / Prevention: Loop Prevention

Port Setting

Port	State	Speed	Flow Control	PoE
1	Enable	Auto	Disable	Enable
2	Enable	Auto	Disable	Enable
3	Enable	Auto	Disable	Enable
4	Enable	Auto	Disable	Enable
5	Enable	Auto	Disable	N/A

VLAN

ZYXEL GS1200-SHP v2

PVID

Port	PVID
1	2
2	3
3	4
4	5
5	1

Maximum number of IEEE 802.1Q VLAN: 32

VLAN ID	V1	V2	V3	V4	V5	Modify	Delete
1	Green	Green	Green	Green	Green	Modify	Delete
2	Green	Green	Green	Green	Green	Modify	Delete
3	Green	Green	Green	Green	Green	Modify	Delete
4	Green	Green	Green	Green	Green	Modify	Delete

Management

ZYXEL GS1200-SHP v2

Management

Device Setting

Management:

DHCP Client: Disable

IP Address: 192.168.1.3 Subnet Mask: 255.255.255.0 Gateway: 0.0.0.0

IEEE 802.3az EEE: Disable

Configuration Restore/Backup:

Change Password

Old Password:

New Password:

Confirm Password:

Apply

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Datasheet **GS1200-5HP v2/GS1200-8HP v2**