ZYXEL

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

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

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.

3x3 AP 17W

802.3at support 30W per port

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
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
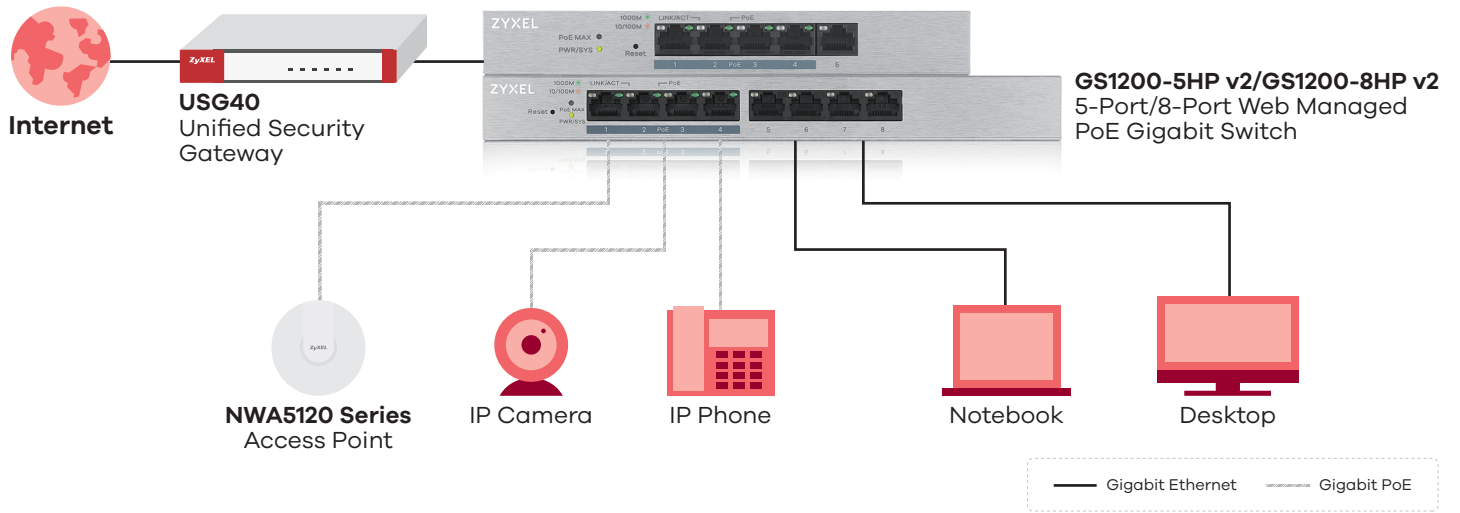- Firmware update

Certification

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

Package Contents

- Switch
- Power adapter
- Power cord
- Quick start guide
- Safety warning and DoC
- Rubber foot pads

Application Diagram

Internet

USG40
Unified Security Gateway

GS1200-5HP v2/GS1200-8HP v2
5-Port/8-Port Web Managed
PoE Gigabit Switch

NWA5120 Series
Access Point

IP Camera

IP Phone

Notebook

Desktop

—— Gigabit Ethernet   ········· Gigabit PoE

Easy Web-based Management Interface

System

Port

VLAN

Management

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