



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

Overview

ZYXEL GS1200 Series는 기가비트 속도를 지원하는 5/8포트 스위치로 4Port PoE를 지원 하는 GS1200-5HP/GS1200-8HP 모델로 구성되어 있습니다.

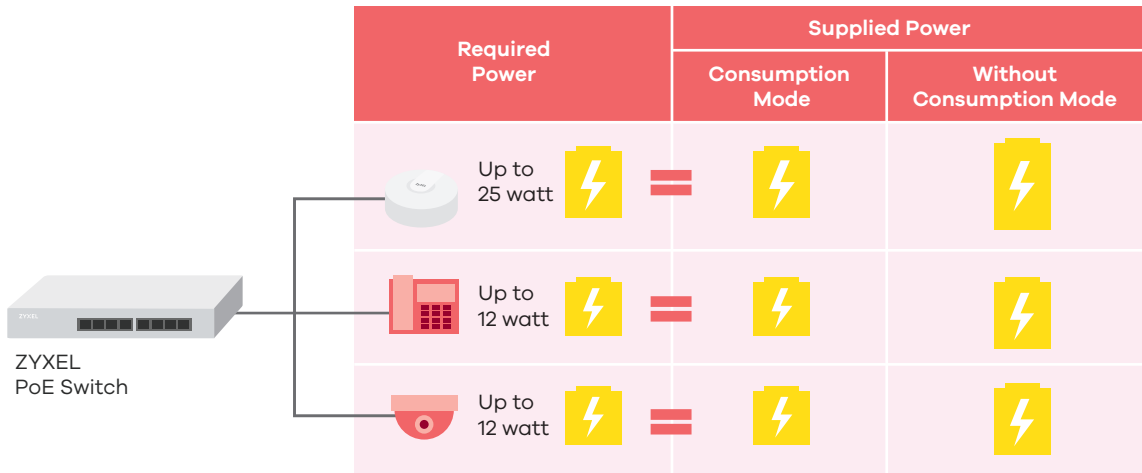
802.3af와 802.3at PoE Plus 표준을 모두 지원하는 4개의 PoE포트를 제공하며, 최대 60W의 전력을 공급합니다. 또한 Quality of Service / Link aggregation / VLAN / IGMP snooping 등 네트워크 보호 및 관리를 위한 기능들을 Web GUI 방식으로 제공하여 손쉽게 설정을 할 수 있도록 도와줍니다.

- Web 관리 PoE 기가비트 스위치
 - Web GUI 방식의 쉬운 기능 설정 및 관리
- IEEE 802.3at PoE Plus 적용
 - 포트당 30W
 - 최대 60W PoE 지원
- 네트워크 관리 및 보호
 - Quality of Service
 - Multicast IGMP snooping
 - VLAN
 - Link aggregation (2Ethernet ports)



Advanced PoE Solution

IEEE 802.3af와 802.3at PoE Plus 표준을 지원하는 PoE 스위치는 각 4개의 포트에서 포트당 30W의 전력을 공급하여 CCTV용 IP카메라, 무선AP, IP 전화기 등 PoE 전력을 사용하는 네트워크 장비에 이더넷 케이블을 통해 전력과 데이터를 동시에 전달할 수 있으며, 다수의 네트워크 장비에 충분한 공급할 수 있도록 최대 60W의 PoE 전력을 지원합니다. 또한 Web GUI를 통해 필요에 따라 각 포트의 전원 상태를 모니터링하고 네트워크 장치를 재부팅할 수 있습니다.



Quality of Service

Voice 및 Video 트래픽을 위한 Port-based 기반 QoS 네트워크 액세스 대역폭 최적화



Link aggregation

2개의 Ethernet ports를 사용해 대역폭 증가



VLAN

VLAN을 지원하여 네트워크에 대한 보안 및 효율성 향상





IGMP snooping

멀티 캐스트 트래픽을 제어하여 네트워크 효율성을 최적화



Specifications

Model	GS1200-5HP	GS1200-8HP	
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

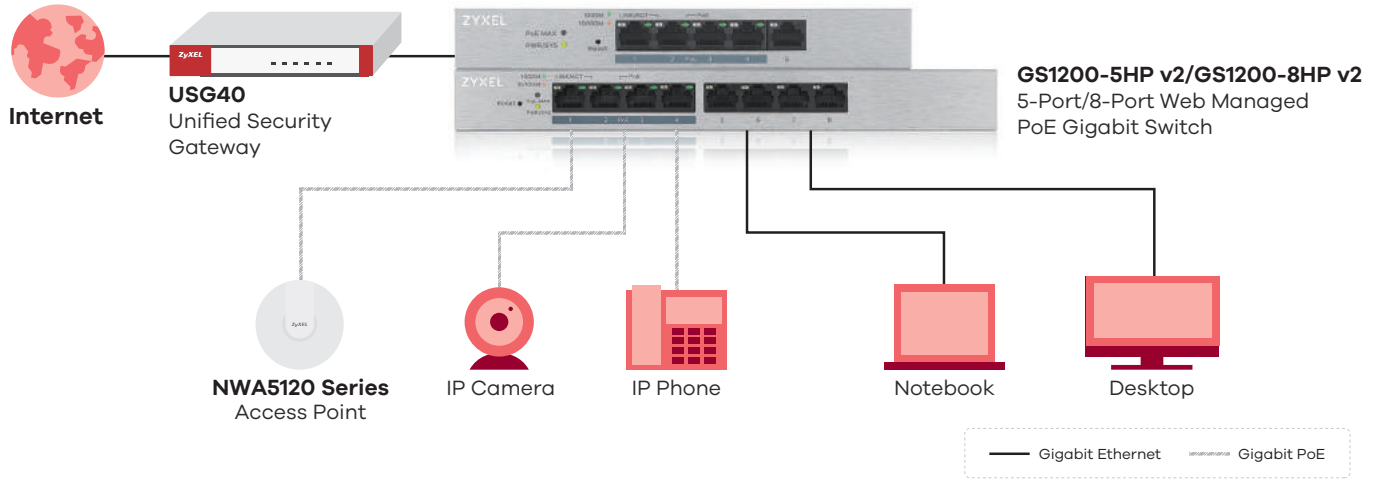
Certification

- 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



Easy Web-based Management Interface

System

The screenshot shows the 'System' page of the Zyxel web management interface. It displays the following information:

- System Information:**
 - Model Name: GS1200-8HP v2
 - Device Name: GS1200-8HP_v2
 - Firmware Version: V1.84(A)GNv2.0
 - Log Status: Normal
- Network Information:**
 - MAC Address: 88:23:79:88:20:79
 - IP Address: 192.168.1.3
 - Subnet Mask: 255.255.255.0
 - Gateway: 0.0.0.0
- Power Information:**
 - Port Total Power: 60W
 - Port Total Power Lab: 88.0W
 - Port Max. LED Power: 88W
- Per Port Status:**

Port	Link Status	100Mbps	100Mbps	Link Status	Port Status (W)
1	100Mbps	3,001	1,145	Normal	4.0
2	Down	0	0	Normal	0
3	100Mbps	8,826	6,156	Normal	0
4	100Mbps	9,464	4,017	Normal	0
5	100Mbps	16,441	1,721	Normal	NA

Port

The screenshot shows the 'Port' page of the Zyxel web management interface. It displays the following information:

- Storm Control:**
 - Storm Control: Enable (pps Range 1~100,000)
 - Log Detection/Prevention: Enable / Log Prevention
- Port Setting:**

Port	State	Speed	Flow Control	Aut
1	Enable	Auto	Enable	Enable
2	Enable	Auto	Enable	Enable
3	Enable	Auto	Enable	Enable
4	Enable	Auto	Enable	Enable
5	Enable	Auto	Enable	NA

VLAN

The screenshot shows the 'VLAN' page of the Zyxel web management interface. It displays the following information:

- PVID:**

Port	V1	V2	V3	V4	V5
PVID	2	1	3	1	1
- Maximum number of IEEE 802.1Q VLAN: 32**
- VLAN List:**

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

The screenshot shows the 'Management' page of the Zyxel web management interface. It displays the following information:

- Device Setting:**
 - SNMP Client: Enable
 - IP Address: 192.168.1.3, Subnet Mask: 255.255.255.0, Gateway: 0.0.0.0
 - SNMP Trap: Enable
- Change Password:**
 - Old Password:
 - New Password:
 - Confirm Password:
- Configuration Restore Backup:**
 - Configuration Restore Backup: