

Zyxel GS1900 8-Port Smart Managed Gigabit PoE Switch (GS1900-8HP)



Product Name: Zyxel GS1900 8-Port Smart Managed Gigabit PoE Switch (GS1900-8HP)

Manufacturer: -

Model Number: GS1900-8HP

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The ZyXEL GS1900 8-port GbE Smart Managed Switch with Gigabit speed and essential managing functions bring your business network more flexibility and connectivity. Providing GbE switches with powersaving functions, fanless design and full IPv6 support ensure your network to be ready for future expansions.

Zyxel GS1900 8-Port Key Features

- 10/100/1000 Mbps GbE ports
- Easy browser-based switch management
- Quick and easy set up wizard
- Advanced network error prevention features (loop protection, dual images, storm control, DoS and SSL)
- Fanless design
- Green Ethernet IEEE 802.3az support and intelligent ZyXELgreen features
- High-power PoE support
- IEEE 802.3at

In addition, the Gigabit switch complies with the IEEE 802.3at Power over Ethernet (PoE) Plus standard. The complete GS1900 Series has been designed with useful features and advanced performances that empower your networks with speed and security as well as silent operation in your office environments. The complete ZyXEL GS1900 Series has an essential portfolio of 8/16/24/48-port compact desktop and rackmount size with GbE connectivity. All models support multiple deployment methods to fulfill the needs for small offices and meeting room environments such as wall, under table or desktop-mounting and rackmount options. It's now quick and effortless to enjoy the high-speed business network applications without a hitch. The GS1900-8HP features IEEE 802.3at PoE Plus provide 8 PoE ports with up to 30 W powers per port to flexibly extend network deployment, especially for high-power devices such as Wi-Fi APs, IP cams and IP phones. The 802.3at PoE Plus capability makes the switch ideal for connecting numerous powered devices to form a flawless business network.

For small businesses that want to manage their infrastructure in advance, the ZyXEL GS1900 Series comes with a friendly built-in Web-based browser for simple configuration and management. Moreover, the friendly step-by-step intuitive wizard helps avoiding multiple complicated configuration pages for quick set up with few clicks in the matter of minutes. To guide the users from start-up, VLAN, Guest VLAN to QoS setting, the ZyXEL Series offers four most common steps and combines them into a quick and easy setup wizard; which does not just save deployment time and efforts, but is also helpful especially for the non-IT staff.

Zyxel GS1900 8-Port - Technical Specifications

Standard Compliance

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Ethernet
- IEEE 802.3ab (1000BASE-T) Ethernet
- IEEE 802.3x flow control
- IEEE 802.3az EEE support
- IEEE 802.1p CoS support
- IEEE 802.3af PoE (GS1900-8HP/24HP/48HP)
- IEEE 802.3at PoE plus
- Full-duplex and half duplex operation with IEEE 802.3x flow control and backpressure

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- Store and forward
- Auto MDI/MID-X

Traffic Management and QoS

- Port-based VLAN
- IEEE 802.1Q VLAN tagging
- IEEE 802.3ad LACP
- Guest VLAN
- Voice VLAN
- Storm control
- IEEE 802.1p priority queues per port
- IEEE 802.1p Queuing method (scheduler)
- Input priority mapping
- Rate limiting per port (ingress/egress)
- IEEE 802.3x flow control

Class of Service

- IEEE 802.1p class of service (SPQ, WRR)
- Port-based CoS
- IP TOS precedence

Security

- IEEE 802.1x
- Port security
- Layer 2 MAC filtering
- Static MAC forwarding
- RADIUS
- TACACS+
- SSL
- Management VLAN
- CPU defense engine
- DoS prevention

Layer 2 Multicast

- IGMP snooping (v1, v2, v3)

IPv6

- IPv6 over Ethernet (RFC 2464)
- Dual-stack (RFC 4213)
- ICMPv6 (RFC 4884)
- Neighbor discovery (RFC 4861)
- Auto configuration
- Static IPv6 address and prefix length
- Static IPv6 default gateway
- IPv6 duplicate address detection

Discovery

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- IEEE 802.1 AB LLDP
- LLDP-MED

Network Management

- SNMP v1, v2, v3
- RMON (1, 2, 3, 9)
- ICMP echo/echo reply
- Syslog

MIB

- RFC 1213 MIB II
- RFC 2819 RMON (group 1, 2, 3, 9)
- RFC 1215 generic traps
- RFC 1493 bridge
- Private MIB

Certifications

- EMC
 - CE, FCC, C-Tick, Class A
 - CE, FCC, C-Tick, Class B (GS1900-8/16/24E)
 - BSMI CNS13438
- Safety
 - LVD EN60950-1
 - BSMI CNS14336-1
- RoHS compliant

Price: £117.00
