# ZyXEL

## Affordable PoE+ Solution for Network Connectivity

- **IEEE 802.3 at PoE Plus standard with 30W per port**
- **Non-blocking, wire-speed transmission**
- **Auto MDI/MDI-X support**
- **Broadcast storm control**

### Benefits

The ZyXEL ES/GS1100-8HP-240W is the best solution for instant connectivity in office environments. The ES/GS1100-8HP-240W provides plug-and-play no configuration simplicity for high-bandwidth network applications.

The ES/GS1100-8HP-240W offers 8 ports of Fast Ethernet/Gigabit for Simple Home or Office Networking of Desktops, Servers and Printers.

The ES/GS1100-8HP-240W also provides up to 30W of power to each port for the latest PoE+ devices, such as High Power Access Points, IP Cameras, and VoIP Phones. This powerful switch provides devices with a FULL power budget of 240 Watts.

With its Smart Plug and Play design, you can install the ES/GS1100-8HP-240W easily with no configurations required.

Compliant with IEEE 802.3Base-T/802.3u100Base-T/802.3ab1000Base-T(GS1100-8HP-240W) and IEEE 802.3af/802.3at standards, the ES/GS1100-8HP-240W ensures compatibility with each standard.

The compact, rigid desktop size of the ES/GS1100-8HP-240W was specifically designed for small to medium workgroups where it can be installed where space is limited.

## 8-port 240W
## PoE+ Switch
### ES/GS1100-8HP-240W

**802.3at** 30W

**802.3af** 15.4W

## Specifications

| Model | ES100-8HP-240W | GS1100-8HP-240W |
|---|---|---|
| Product name | **8-port FEUnmanaged PoE Switch** | **8-Port PoE+ Gigabit Switch** |
| Standards | IEEE 802.3 10BaseT | IIEEE 802.3 10BaseT |
| | IEEE 802.3u 100BaseTX/100BaseFX | IEEE 802.3u 100BaseTX/100BaseFX |
| | IEEE 802.3af/802.3at PoE | IEEE802.3ab 1000BaseT |
| | | IEEE802.3af/ 802.3at PoE |
| Features | **Number of Ports:** | **Number of Ports:** |
| | 8x 10/100BaseT and PoE Ports with RJ45 | 8x Gigabit and PoE Ports with RJ45 |
| | Auto-learning networking configurations | Auto-learning networking configurations |
| | Built-in 4K MAC learning table, 1.25M bits buffer memory | Built-in 8K MAC learning table, 2M bits buffer memory |
| | | Jumbo Frames 9K |
| Data Transfer Rate | **Ethernet:** | **Ethernet:** |
| | 10Mbps/Half-Duplex | 10Mbps/Half-Duplex |
| | 20Mbps/Full-Duplex | 20Mbps/Full-Duplex |
| | **Fast Ethernet:** | **Fast Ethernet:** |
| | 100Mbps/Half-Duplex | 100Mbps/Half-Duplex |
| | 200Mbps/Full-Duplex | 200Mbps/Full-Duplex |
| | **Filtering/Forwarding Rate:** | **Gigabit Ethernet:** |
| | 100Mbps/148,800pps; | 1000Mbps/ Half-Duplex |
| | 10Mbps/14,880pps | 2000Mbps/Full-Duplex |
| | Supports packet length 1600 bytes | **Filtering/Forwarding Rate:** |
| | | 1000Mbps/1,488,000pps |
| | | 100Mbps/148,800pps |
| | | 10Mbps/14,880pps |
| | | Supports packet length 1522 bytes/ Max 16Kbytes |
| Transmission Media | 10BaseT Cat. 3, 4, 5 UTP/STP, up to 100 m | 10BaseT Cat. 3, 4, 5 UTP/STP, up to 100 m |
| | 100BaseTX Cat. 5 UTP/STP, up to 100 m | 100BaseTX Cat. 5 UTP/STP, up to 100 m |
| | | 1000Base T cat 5,6 UTP |
| LED Indicators | **Per Port:** | **Per Port:** |
| | (TX): Link/Act, PoE Per Unit: Power | (TX): Link/Act, PoE Per Unit: Power |
| Power Requirement | AC input (90~260V/AC, 50~60Hz) | AC input (90~260V/AC, 50~60Hz) |
| | UL Safety 250Watt. | UL Safety 250Watt. |
| | PoE Max Consumption 30W per port, 240Watt total max. | PoE Max Consumption 30W per port, 240Watt total max. |
| Power Supply | 250Watt | 250Watt |
| Dimensions | 263 x 160 x 44 mm (L x W x H) | 263 x 160 x 44 mm (L x W x H) |
| Weight | 1320 g | 1320 g |
| Operating Temperature | 0 to 55 º C | 0 to 55 º C |
| Storage Temperature | -20 to 90 º C | -20 to 90 º C |
| Humidity | 10 to 90% RH (non-condensing) | 10 to 90% RH (non-condensing) |
| Certifications | FCC Class, CE | FCC Class, CE |

## System Compliance

IEEE 802.3 10Base-T

IEEE 802.3u 100Base-TX

IEEE 802.3ab 1000Base-T (GS1100-8HP-240W)

IEEE-802.3af/IEEE802.3at PoE

## Safety Agency Certification

FCC Part 15 Class A

CE EMC Class A

UL

RoHS Compliant

For more product information, visit us on the web at www.ZyXEL.com