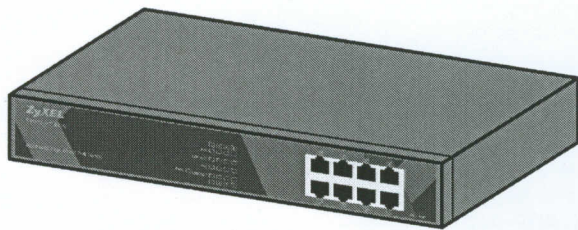


ES1100-8HP-240W 8 port 10/100 PoE+ switch

User's Manual



FCC Warning

This device has been tested and found to comply with qualifications of a Class A digital device, pursuant to Part 15 of the FCC Rules & Regulations. These credentials are designed to provide necessary protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates and radiates radio frequency energy and, if not installed and used in accordance with the user's manual, may cause interference forcing users to correct the interference at their own expense.

CE Warning

This is a Class A product. In a domestic environment, this product may cause radio interference, forcing the user to take adequate reverse measures.

Introduction

The ES1100-8HP-240W provides 8 10/100M ports. It was designed for easy installation and exceptional performance in high traffic network environments where the number of users increases continuously.

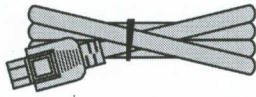
It consists of 8 PoE+ that solve the problem of limited power outlet locations and offer system designers a flexible solution to locate the network device anywhere.

The compact, rigid desktop size of the ES1100-8HP-240W was specifically designed for small to medium workgroups. It can be installed where space is limited. It also provides smooth network migration and an easy upgrade to network capacity.

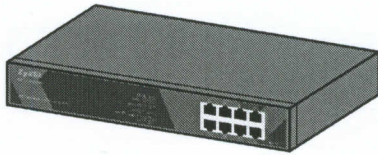
Package Contents

Before you start to install the ES1100-8HP-240W, please verify that your package that contains the following items:

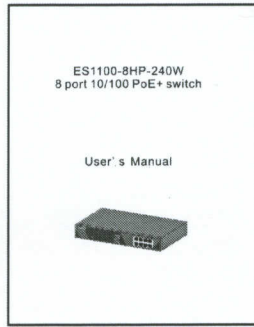
- One PoE+ Fast Ethernet Switch
- One Power Cord
- One User's Manual



Power Cord



One PoE+ Fast Ethernet Switch



User's Manual

Note: If any of these items is found to be missing or damaged, please contact your local supplier for replacement.

Product Features

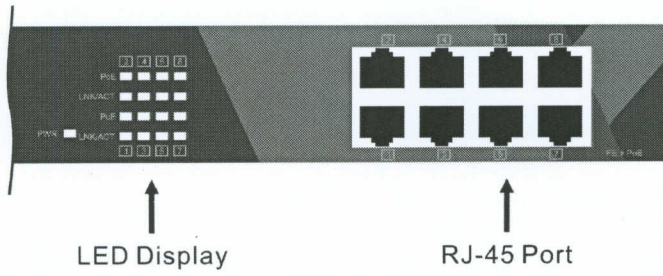
- 8 Port PoE+ function, with RJ-45 port
- Supports up to 30 Watts of power on each PoE+ port (240W Max)
- Provides 8 10/100Mbps switching ports
- All ports support Auto-MDIX function

- Complies with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE-802.3ab 1000Base-T, IEEE802.3x Flow Control
- Supports flow control: back pressure for Half-duplex and IEEE 802.3x for Full-duplex mode
- Dedicated 2000Mbps Full-duplex bandwidth to the each port
- Broadcast storm control and supporting store & forward operation
- Non-blocking & Non-head-of-line blocking full-wire speed forwarding
- Auto-learning networking configurations
- Built-in 8K MAC learning table, 2M bytes buffer memory
- Filtering/Forwarding Rate: 1000Mbps/1,488,000pps 100Mbps/148,800pps; 10Mbps/14,880pps
- Supports packet length 1522 bytes/ Maximum 16Kbytes
- Jumbo frames: 9K
- Status LEDs: System Power, Link/Activity, and PoE/PSE on line
- Network Transmission Media: 10Base-T Cat. 3, 4, 5 UTP/STP; 100Base-TX Cat. 5 UTP/STP
- Internal Power supply: AC input (90~260V/AC, 50~60Hz) UL Safety
- Operating Temperature: 0°C ~ 60°C
- Storing Temperature: -20°C ~ 90°C
- Humidity: 10% ~90% RH (Non-condensing)
- Dimension (L x W x H): 263mm x 160mm x 44mm (19", 1U high)
- Power Supply: 250Watt
- Power consumption : 8Watt
- Weight: 1.355Kg
- Safety & EMI Certificates: CE & FCC
- Smart plug & play design

Front Panel (LEDs)

LED Indicators of the ES1100-8HP-240W

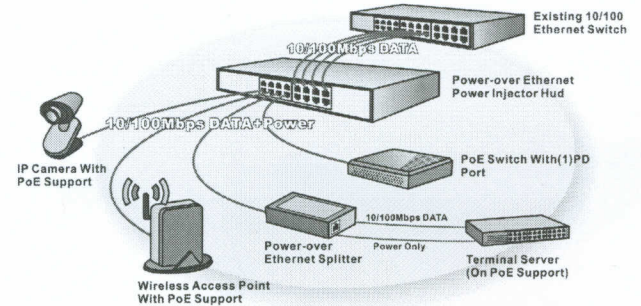
LED	Status	Description
Power	On	Power is on.
	Off	Power is off.
	Flashing	Data is transmitting or receiving
LINK/ACT	On	Port is for connection.
	Off	No connection.
	Flashing	Data is transmitting or receiving
PoE	On	Port is linked to Power Device
	Off	No Power Device is connected



Connections

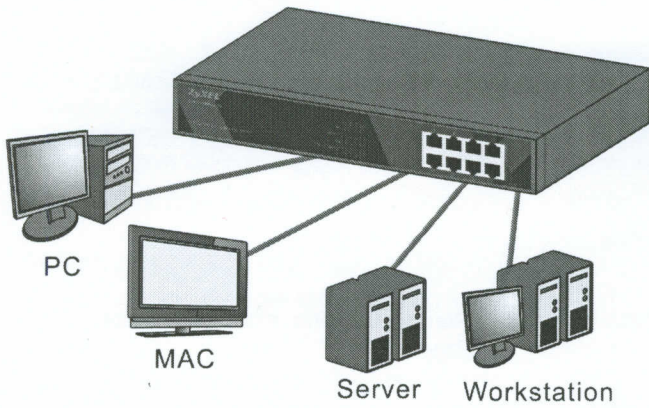
Switch/Hub to this 8 Port PoE Fast Ethernet Switch

The ES1100-8HP-240W provides automatic crossover detection functionality for any port. It is simple and friendly to up-link to another switch without a crossover cable.



PC/Other devices to this 8 Port PoE Fast Ethernet Switch

Via a twisted pair cable straight through, the ES1100-8HP-240W can be connected to PCs, servers and other network devices such as Access Points, IP Cameras and VoIP Phones.



Connect Power Device to the ES1100-8HP-240W and get a 48V power source through Cat. 5 cables

Use the Cat. 5 twisted-pair cable to connect Power Device to the port 1~8 of the ES1100-8HP-240W and it will supply 48V power to the Power Device over Cat. 5 twisted-pair cable. Please note that the Power Device should also comply with IEEE 802.3af or IEEE 802.3at

Rear Panel (Power)

AC input

AC input (100~240V/AC, 50~60Hz) UL Safety



Technical Specifications

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX/100BaseFX IEEE 802.3x Flow control
Features	Number of Ports: 8 PoE+ Ports MAC Address: 4K Buffer Memory: 1.6M bits Method: Store and Forward
Filtering/ Forwarding Rates	100Mbps port – 148,800pps 10Mbps – 14,880pps
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP
LED Indicators	Per Port: LINK/ACT, PoE ACT/Status Per Unit: Power
Power Input	100~240V/AC, 50~60Hz
Power Output	240 W Max Per Port
Power Supply	250Watts
Dimensions	263 × 160 × 44mm (L x W x H)
Weight	1.355 kg
Operating Temperature	0 to 55°C
Storage Temperature	-20 to 90°C
Humidity	10 to 90% RH (non-condensing)
Certifications	CE, FCC Class A