



Connect Multiple Devices with High Speed and Reliability

- Compact, sturdy design with wall-mount alternative
- Optimal bandwidth for media traffics through High Priority ports
- Increased memory buffer for smoother network transmission
- Connects multiple devices easily
- Power saving via link status and cable length detection

The ZyXEL ES-105A v2/ES-108A v2, a five/eight port desktop switch with plug-and-play design, can easily connect devices including PCs, network storage devices and print servers to your home network. The ES-105A v2/ES-108A v2 offers advanced High Priority ports to boost performance and user experience for Internet surfing, online gaming, multimedia or any application you prefer with prioritized bandwidth.

Compliant with the IEEE 802.3az Energy Efficient Ethernet standard, the ES-105A v2/ES-108A v2 provides power-saving benefits without compromising performance.

Benefits

Compact, sturdy design with wall-mount alternative

The ZyXEL ES-105A v2/ES-108A v2 fits any working environment. The stylish, compact metal housing with wall-mount installation design provides more flexibility for wired home networks. The affordable, reliable series comes with five/eight ports to meet home network expansion needs.

Optimal bandwidth for media traffics through High Priority ports

The ZyXEL ES-105A v2/ES-108A v2 comes with two/three high priority ports. With the port-based QoS feature, the ES-105A v2/ ES-108A v2 provides considerably enhanced download quality. Users can experience better performance for Internet surfing, online gaming and multimedia streaming through prioritized bandwidth settings. The ES-105A v2/ES-108A v2 features increased buffer memory to maintain smooth network transmission while the switch is handling heavy loads.

Easy to connect multiple devices

The ZyXEL ES-105A v2/ES-108A v2 is designed to boost your home network with better performance and efficiency. With the N-way auto-negotiation function, the ES-105A v2/ES-108A v2 connects to network devices with the highest possible speed and activates full-duplex mode automatically, while the store-and-forward service offers low latency and error-free packet delivery.

The plug-and-play design allows you to easily connect devices such as PCs, network storage servers and print servers to the home network without manual configuration.

To protect the network from broadcast storms, the ES-105A v2/ES-108A v2 can immediately locate a port experiencing loop errors and then blink the appropriate LED light.



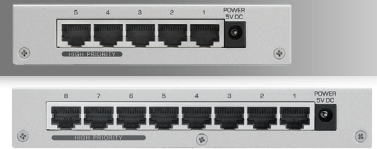
ES-105A v2
ES-108A v2
5-Port/8-Port Desktop
Fast Ethernet Switch



Detect
Cable Length



Adjust
Power Usage



Specifications

System Specifications

Standard

- IEEE 802.3 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX Fast Ethernet
- IEEE 802.3 Nway auto-negotiation
- IEEE 802.3x full duplex operation and flow control
- IEEE 802.3az Energy Efficient Ethernet

Performance

- Data transfer rate (half duplex/full duplex):
 - Ethernet: 10/20 Mbps
 - Fast Ethernet: 100/200 Mbps
- MAC address table: 2K
- Memory buffer: 96 KB
- Switching fabric (non-blocking):
 - ES-105A v2: 1.0 Gbps
 - ES-108A v2: 1.6 Gbps

Features

- Auto-MDI/MDIX in all ports
- Transmission method:
 - Store-and-forward architecture
- Port-based Quality of Service (QoS) support
- Loop detection support

Hardware Specifications

Interface

- ES-105A v2: Five 10/100 Mbps Ethernet ports
- ES-108A v2: Eight 10/100 Mbps Ethernet ports

LED Indicator

- PWR: Power
- Per port: Link/Activity

Power Supply

- ES-105A v2:
 - Input: 100 to 240 V AC, 50/60 Hz
 - Output: 5 V DC, 0.6 A
- ES-108A v2:
 - Input: 100 to 240 V AC, 50/60 Hz
 - Output: 5 V DC, 0.6 A

Power consumption (DC side):

- ES-105A v2: 0.74 watt max.
- ES-108A v2: 0.99 watt max.

Physical Specifications

- Item dimensions (WxDxH):
 - ES-105A v2: 121 x 75 x 26 mm (4.8" x 3.0" x 1.0")
 - ES-108A v2: 154.5 x 85 x 26 mm (6.1" x 3.3" x 1.0")

Item weight:

- ES-105A v2: 220 g (0.49 lb.)
- ES-108A v2: 295 g (0.65 lb.)
- Packing dimensions (WxDxH):
 - ES-105A v2: 127 x 82 x 95 mm (5.0" x 3.2" x 3.7")
 - ES-108A v2: 154.5 x 85 x 95 mm (6.3" x 3.5" x 3.7")
- Packing weight:
 - ES-105A v2: 373.5 g (0.83 lb.)
 - ES-108A v2: 477.5 g (1.05 lb.)

Environmental Specifications

Operating Environment

- Temperature: 0°C to 50°C (32°F to 122°F)
- Humidity: 10% to 90% (Non-condensing)

Storage Environment

- Temperature: -40°C to 70°C (-40°F to 158°F)
- Humidity: 10% to 95% (Non-condensing)

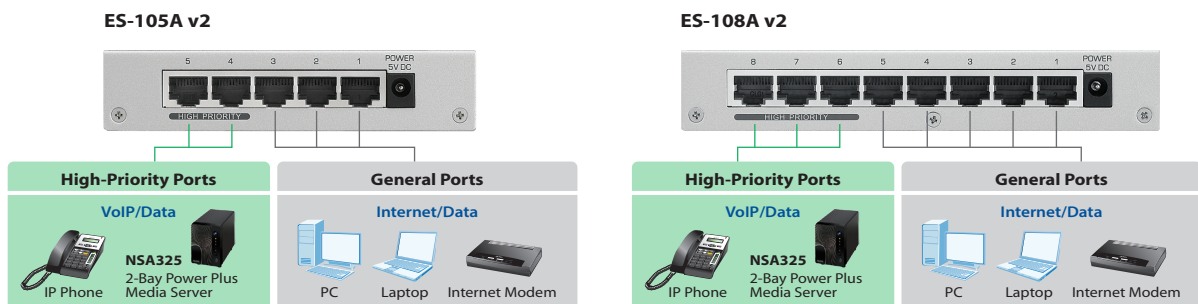
Certification

- CE, C-Tick, BSMI

Packing Contents

- Ethernet switch
- Power adapter
- User's guide
- Warranty card

Application Diagram



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



Copyright © 2013 ZyXEL Communications Corp. All rights reserved. ZyXEL, ZyXEL logo are registered trademarks of ZyXEL Communications Corp. All other brands, product names, or trademarks mentioned are the property of their respective owners. All specifications are subject to change without notice.