

ZyXEL



Reserve VIP Ports for Online Media-rich Applications

Designed for Home network, ZyXEL Desktop Ethernet Switch, the ES-105A/ES-108A, offers advanced "VIP ports" to boost performance and user experience of Internet surfing, online gaming, multimedia, or any application you prefer with prioritized bandwidth. More than just intriguing features, the stylish compact design of the ES-105A/108A fits your home ambiance to create an inspiring networking environment for your ultimate online experience.



Benefits

VIP Ports for Priority Application Performance

With advanced switching technology, ZyXEL specifically designs a series of Desktop Ethernet Switches with designated priority "VIP" ports reserved for media-rich applications. The ES-105A reserves two ports, while the ES-108A reserves three, for intensive network demands like Internet surfing, on-line gaming and media-rich applications.

Better Performance and Efficiency

The ZyXEL Desktop Ethernet Switch, with 5/8-port, is designed to boost your home network with better performance and efficiency. With the N-way auto-negotiation function, the ES-105A/108A connects the network counterparts with highest possible network speed and activates duplex mode automatically. Besides, the store-and-forward service brings low latency and error-free packet delivering. The plug-and-play and multiple network protocol compatibility of the ES-105A/108A make the installation and management easier and faster than ever.

Stylish and Compact Design

With the new ZyXEL-exclusive stylish and compact exterior design, the ES-105A/108A fits into your home ambiance for a trouble-free, inspiring networking environment signifying ZyXEL's first design priority.

5/8-port
Desktop Ethernet Switch

ES-105A/108A

SWITCH



Specifications

System

Standards Compliance

- IEEE802.3 10BASE-T Ethernet
- IEEE802.3u 100BASE-TX Fast Ethernet
- ANSI/IEEE802.3 Auto-negotiation
- IEEE802.3x Flow Control

Data Transfer Rates

- Ethernet 10M/20Mbps (half/full duplex)
- Fast Ethernet 100M/200M (half/full duplex)

Interface

- ES-105A: 5 10/100BASE-T Ethernet ports
- ES-108A: 8 10/100BASE-T Ethernet ports

Network Cables

- 10BASE-T: UTP Cat.3, 4, 5 (100 m) EIA/TIA-586
100-ohm STP (100 m)
- 100BASE-TX: UTP Cat.5 (100 m max.) EIA/TIA-568
100-ohm STP (100 m)

Media Interface Exchange

- MDI-II/MDI-X auto-adjustment for each port

System Requirement

- Network card for each PC
- Network Cables

Status LED

- Per Port Link/Activity
- Per unit: PWR

Performance

Back Plane

- Non-Blocking full wire-speed forwarding rate
 - ES-105A: 1.0Gbps
 - ES-108A: 1.6Gbps
- Packet Forwarding Rate:
 - 14,880PPS for 10BASE-T
 - 148,800PPS for 100BASE-TX

Switching Method: Store-and-forward

- Data Buffer:
 - ES-105A: 512Kb
 - ES-108A: 768Kb
- MAC Address Table: 1K entries

Physical Specifications

Model Name	Weight	Dimensions
ES-105A	248g	121(L) x 75(W) x 26(H) mm
ES-108A	340g	154.5(L) x 85(W) x 26(H) mm

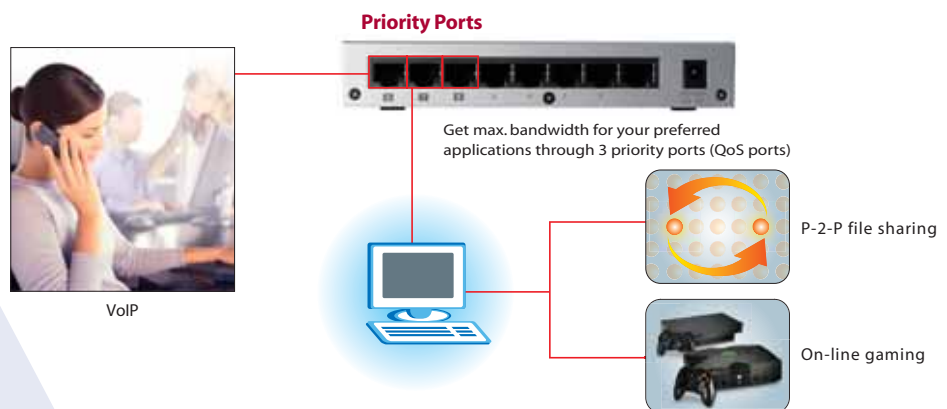
Environmental Specifications

- Power supply: 5VDC 0.6A
- Power consumption:
 - ES-105A: 2.15W (max)
 - ES-108A: 2.75W (max)
- Operating temperature: 0°C ~ 50°C
- Operating humidity: 10% to 90% (Non-condensing)

Certification

- FCC Class B
- CE
- C-Tick

Application Diagram



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

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