

## ZyXEL ES-2024 PoE 24 Port 10/100 Ethernet Switch with 2 Gigabit Ports & SNMP



Product Name: ZyXEL ES-2024 PoE 24 Port 10/100 Ethernet Switch with 2 Gigabit Ports & SNMP

Manufacturer: -

Model Number: ES-2024PWR

Please Note: The ZyXEL GS-1548 has been discontinued. For an alternative, we highly recommend the Zyxel ES3500-24HP.

### Zyxel ES-2024 Managed L2 Fast Ethernet Switch Features

- Port-based and IEEE802.1Q Tagged VLAN (4K PVID)
- Intrusion lock, MAC Freeze, MAC filtering & Static MAC Forwarding for L1/L2 Security Protection
- 802.1x for Access Authentication and Management over VLAN and Bandwidth per Valid User's Attribute
- MVR Ensure Valid Transmission of Multicasting Stream on the Network-wide Multicast VLAN
- iStacking™ Clustering Technology, One IP Management for 24 Devices
- iManage™ Easy Management Tools (GUI, CLI & Text-based Configuration for Scripting)
- IEEE802.3af Power over Ethernet (PoE) Maximizes Installment Freedom (ES-2024PWR)
- Easy Web GUI for intelligent PoE power management (ES-2024PWR)

**Benefits** Best fit for SMB & Campus for Convergence Network ZyXEL ES-2000 Series is an entry-level, managed L2 Fast Ethernet Switch, and specially designed for SMB or Campus to empower multi-tasks in today's dynamic network environment requiring capability over security, QoS and network management. Complete product portfolio with optimized port configuration (26/50 port), embedded two dual-personality GbE ports and Power over Ethernet (PoE) can easily find solution and fit in any network very easily. High-Security Network Edge The ES-2000 Series features wide range security functions to prevent unauthorized data access. 256 Static VLAN entry enables complicated VLANs portfolio for policy management. Full range 4K VLAN (4K PVID) are equipped as well. Besides central access authentication by 802.1x, it can further assigns VLAN and bandwidth per pre-defined attribute for valid user which greatly lifts flexibility over network management. In addition, extra support of MAC filtering, MAC freezing and Specific MAC forwarding, allow the network administrator to set security policy toward device MAC address. The ES-2000 Series is designed to offer comprehensive security features for enforcing security policies to the edge. Intelligent Traffic Prioritization for Multi-Services Multiple priority queues and scheduling mechanism, makes the ES-2000 Series easy to perform traffic prioritizing for delay-service applications. You can also customize DSCP settings to provide an end-to-end QoS environment. MVR ensures efficient transmission of multicasting stream on the network-wide multicast VLAN. For bandwidth management, the ES-2000 Series supports bandwidth increment of 64Kbps to give different bandwidth allocations. Moreover, with broadcast storm control, network can limit the broadcast packets once over pre-defined threshold which prevents the network outage. Industry Standard-based Network Management Managing the ES-2000 Series is simple through its iStacking™, SNMP, Web, telnet and RS-232 support. iStacking™, ZyXEL-exclusive clustering technology, allows administrators to manage up to 24 switches with one single IP. In addition, IT staff may opt for Web, CLI (Command Line Interface) or text-based configuration for their convenience and even encrypt the instructions using SSHv1/v2 and SSL. Thanks to these sophisticated functionalities, the IT staff is able to build a highly secure and efficient corporate network with minimum effort. Installment Freedom by Power over Ethernet The ES-2024PWR supports IEEE802.3af Power over Ethernet (PoE) to ease the installment in challenging space, such as ceiling or top of wall, Device compliant with IEEE802.3af, like WLAN AP, IP surveillance camera, etc, can get powered Ethernet connectivity

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through just single Cat-5 cable, with up to 100 meters of successful link distance. There is no need to use extra power adapter and you can walk away from the headache of how to set up the power line to devices. In addition, the ES-2024PWR supports intelligent power management via web GUI. You can set the priority levels of power-feeding over different ports to get the best use of power resource. Performance

- 8.8Gbps non-blocking switching fabric
- Flexible design for both Gigabit copper and Gigabit fiber connectivity
- Switching Forwarding Rate 6.6Mpps (1488000pps/1000Base-T/1000Base-X, 148800pps/100Base-TX)
- Wire-speed performance ES-2048
- 13.6Gbps non-blocking switching fabric
- Flexible design for both Gigabit copper and Gigabit fiber connectivity
- Switching Forwarding Rate 10.1Mpps (1488000pps/1000Base-T/1000Base-X, 148800pps/100Base-TX)
- Wire-speed performance

### Standard Compliance

- IEEE 802.3 10Base-T Ethernet
- IEEE 802.3u 100 Base-Tx Ethernet
- IEEE 802.3ab 1000 Base-T Ethernet
- IEEE 802.3z
- IEEE 802.3x Flow control
- IEEE 802.1d Spanning tree protocol
- IEEE 802.1w Rapid Spanning tree protocol
- IEEE 802.1p Class of service, priority protocols
- IEEE 802.1Q VLAN tagging
- IEEE 802.1x Port Authentication
- IEEE 802.3ad LACP aggregation
- IEEE 802.3af Power over Ethernet

**Please Enquire**