



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for ZYXEL ES 3500-24. You'll find the answers to all your questions on the ZYXEL ES 3500-24 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

- [User manual ZYXEL ES 3500-24](#)
- [User guide ZYXEL ES 3500-24](#)
- [Operating instructions ZYXEL ES 3500-24](#)
- [Instructions for use ZYXEL ES 3500-24](#)
- [Instruction manual ZYXEL ES 3500-24](#)





**Business-class Layer 2 Fast Ethernet Switch with Access Control List (ACL)**

The Zyxel ES3500-24 has been specially designed for small- and medium-scale businesses (SMB) to deliver valuable Ethernet services. With the high-performance hardware platform, business can easily extend network topologies while enabling robust security, QoS and management functions to help customers fulfilling different needs and to support the IPv6 for trouble-free future network expansions.

**Benefits**

**Advanced QoS for significant services**  
Consistent service quality and reliable connecting ability in a congested network is the key for SMB to connect and satisfy customers; therefore the ability to control traffic flow and set traffic policy becomes more critical than ever. The Zyxel ES3500-24 24-port FE L2 Switch offers wire-speed flow control that classifies and prioritizes the incoming packets according to the predefined QoS policies that meet requirements of SMB.

In terms of classification, the Differentiated Services Code Point (DSCP) field and the 802.1p Class of Service (CoS) field are identified to assess the priority of incoming packets. Classification and redistribution can be based on criteria as specific as rules based on IP/MAC addresses, VLAN ID or TCP/UDP port number. For bandwidth management, the ES3500-24 provides 8 priority queues per port for different types of traffic, allowing SMB to set policy-based rate limitations that take full advantage of constrained network resources and guarantee the best performance.

**Enhanced security for protection among customers**  
Avoiding subscribers affecting each other on a shared network or shared device is a major concern for SMB. The Zyxel ES3500-24 offers a complete set of security features to protect user data while administering the switch. Port security provides the ability to deny unauthorized users from accessing the network. Moreover, the 802.1X feature (cooperating with RADIUS) is useful to prevent unauthorized access based on username and password for other credentials and acts as powerful access control for congested networks with mixed wired and wireless access.

The ES3500-24 provides a multi-layer (L2, L3/L4) ACL suite of sophisticated policy-based control mechanisms that enables SMB to deploy easily based on actual network environment needs, via a Web GUI or command line interface to prevent abnormal or illegal access. The policies can be defined to deny packets based on source and destination MAC addresses, IP addresses or TCP/UDP ports.

**ES3500-24**  
24-port FE L2 Switch with GbE Uplink



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**Manual abstract:**

□ IGMP Snooping v1, v2, v3, MVR □ Multilayer-aware (L2/L3/L4) ACL for security protection □ High redundancy and resilient architecture with RSTP and Port Trunking □ IPv6 management support Benefits Advanced QoS for significant services Consistent service quality and reliable connecting ability in a converged network is the key for SMB to connect and satisfy customers; therefore the ability to control traffic flow and set traffic policy becomes more critical than ever. The ZyXEL ES3500-24 24-port FE L2 Switch offers wire-speed flow control that classifies and prioritizes the incoming packets according to the predefined QoS policies that meet requirements of SMB. In terms of classification, the Differentiated Services Code Point (DSCP) field and the 802.1p Class of Service (CoS) field are identified to assess the priority of incoming packets. @@@@The ZyXEL ES3500-24 offers a complete set of security features to protect user data while administrating the traffics. @@@@In addition, the ES3500-24 fully incorporates the functionality needed to implement digital alarms and warnings from fault isolation and failure prediction tasks as well as component monitoring features, among others. @@@@ZyXEL. com Copyright © 2012 ZyXEL Communications Corp. All rights reserved. ZyXEL, ZyXEL logo are registered trademarks of ZyXEL Communications Corp.

@@@All specifications are subject to change without notice. 5-100-01012002 02/12 .



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