



# PoE-2440

## 24-Port PoE L2 Managed Gigabit Ethernet Switch

Enterprise-Grade PoE Gigabit Switch with 4 Combo SFP slots to Expanding Your Network Flexibly & Offering Superior Performance and Capability



### FEATURE

- Support IEEE 802.3af/802.3at Standard PoE
- Static Routing  
Supports L2 static routing to group different network segments and increase user flexibility. Helps you set simple routes for control of your network resources.
- Dynamic VLAN Assignment automatically assigns the same port to different VLANs to increase user convenience.
- IGMP and MLD Snooping  
IGMP/MLD snooping manages multicast streams to ensure high-quality, smooth video.
- Multi Network Management  
supports CLI, Web, SNMP v1/v2c/v3, and Telnet management to provide multiple network management access. The switch supports a private MIB for detailed information.
- Enhanced Security  
supports multiple security features, such as ACLs, storm control, 802.1X, port security, MAC filters, IP source guard, and AAA.
- Comprehensive QoS  
supports 8 hardware queues, port-based QoS (IPv4/IPv6 DSCP), and DiffServ features to provide optimal real-time services.
- DDOS Protection  
Avoiding hacker attacks on your network
- Auto Voice/Surveillance VLANs  
supports automatic voice and surveillance VLANs, providing VoIP and IP cameras the optimum network traffic usage.

### DESCRIPTION

The PoE-2440 provides 24 10/100/1000Mbps ports that supports 802.3at/af-compliant PoE, with a total PoE power supply up to 260W. The switch is optimized for network efficiency, operational cost savings, and ease of management, powerful and flexible enough for users to deploy wireless access points or IP-based network surveillance cameras without cables or power lines running around.

The switch can be deployed in different target network topologies, from small to large. Its powerful software features provides a complete solution for both non-PoE and PoE options.

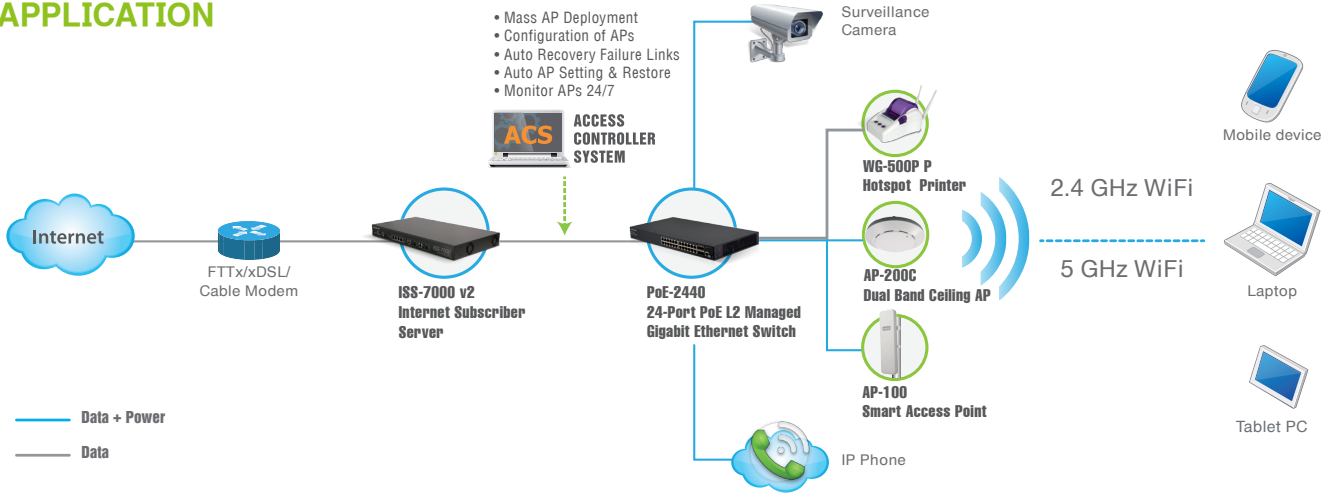
The switch provides high performance, enterprise-level QoS (Quality of Service), useful security strategies and rich layer 2 management features, such as Link Aggregation Control Protocol (LACP) provides load balancing and fault tolerance for uplink connections, 802.1Q VLAN reduces broadcast traffic and increases LAN security and performance, Access Control Lists (ACLs) restricts access to sensitive network resources, Storm Control and DHCP snooping provides a small or medium-sized business with a network that is geared for growth while ensuring performance stability and reliability.

The PoE-2440 is also designed by the best green-saving technologies (IEEE 802.3az and Green-Ethernet). When network traffic is low, it would automatically decrease power usage.

The PoE-2440 switch also can be integrated with Handlink's Access Controller System for mass APs Installation and Management. The mapping function from ACS can help scanning IP address of Handlink's APs automatically to reduce the working process of SI.

The switch also can remote each ports of power switch to reset failure of Handlink APs to decrease internet connection problem. It is an efficient and cost-effective to complete Handlink Enterprise-Class Wi-Fi Solution.

## APPLICATION



## SPECIFICATION

SOFTWARE	
Interface	Port 1-24 10/100/1000BASE-T RJ-45 ports with Auto-negotiation 4 SFP Port Gigabit Transceiver slot RJ-45 Console Port System LEDs (Power/PoE Max/Diag) PoE Mode Button RST/ Factory Default Button
Performance	Switching Capability : 56 Gbps Packet Buffer Size : 12 Mbits MAC Address Table : 16 K
VLANs	Supports 4K IEEE 802.1Q VLANs Port-Based/MAC-Based/Protocol-Based VLANs Guest VLAN/Auto Voice VLAN/Auto Surveillance VLAN*
Link Aggregation	Static Trunk IEEE 802.3ad Link Aggregation Control Protocol (LACP)
QoS Features	Rate Limiting Priority Queues Schedule (WRR/Strict Priority/Hybrid QoS) Port-Based QoS IPv4/IPv6 DSCP DiffServ Auto VOIP / Auto Video 8 HW Queues per port Dynamic QoS
Management	System password protection NTP/SNTP Dual Image/Configuration Configuration upload/download (HTTP/TFTP/FTP) Firmware upload/download (HTTP/TFTP/FTP) Auto Firmware Upgrade RMON (groups 1,2,3 and 9) SNMP SNMP Trap SNMP v1/v2/v3 SNMP Standard/Private MIB Management Access (Console/SNMP/Web /Telnet) Memory Flash Log/Event/Error Log/Syslog DHCP v4/v6 Client//DHCP Snooping/ DHCP Snooping Option82 Dynamic Provision (via Option 66,67) DHCP Relay v4 * Port Mirroring (One to One) TX/RX (both) DNS Client without DNS proxy IPv6
Security	DDOS Protection CPU Guard (CPU Protection) Port Isolation/Port Mirror (One to One, One to Many) Remote Mirror/Storm Control

Security	Broadcast/Multicast/Unknown Storm Control IEEE 802.1X ACL Ingress Only L2/L3/L4 ACL entry: 512 IPv4/IPv6 TCP/UDP-Based, MAC-Based ACL Port Security MAC Filter/MAC Authentication Port max count per port Dynamic VLAN Assignment/Dynamic ARP Inspection AAA (RADIUS/TACACS+) IP Source Guard SSH v1.5/v2.0 SSL v1/v2/v3 SSL IPv4/IPv6
HARDWARE	
PoE Specification	Support IEEE 802.3af (15.4 W) IEEE802.3at (30 W) on each port Total PoE Power Budget : 200 W Max System Power Consumption :260 W Dynamic Power Allocation Auto disable after exceeding power budget PoE Timer
Power Requirement	Power Supply : 100 to 240 V, 50-60 Hz, 3.2A
Environmental Conditions	Temperature : 0°C to 50°C (Operating) -40°C to 70°C (Storage) Operating Humidity : 10% to 90% (non-condensing) Storage Humidity : 10% to 90% (non-condensing)
Led Indicators	Port, Uplink, System, Diagnostic
Installation	Rack Space: 19" Form Factor: Rackmount
Dimension	Weight : 2.8 kg (6.18 lb) 44 (W) x 22 (D) x 4.4 (H) cm (17.3 Wx 8.6 D x 1.7 H in)
Safety & Compatibility	FCC Class A/ CE/RoHS/ VCCI*

\* Features will be available in future release.



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