ES0802-41

8-port 10/100/1000M PoE+ Web Smart Gigabit Ethernet Switch

- 8-Port 10/100/1000M IEEE 802.3 at PSE (PoE ON/OFF Function)
- Compliant with IEEE 802.3 at
- 11" Rack-Mount Metal Case
- IEEE 802.1Q VLAN Tagging
- 802.1p Priority Queues
- Jumbo Frames and IGMP Snooping Support
- Link Aggregation and Rapid Spanning Tree
- Internal Power Supply

Key Features

IEEE 802.3at Power over Ethernet (PoE) ports

ES0802-41 features 8-port PoE IEEE 802.3at supplying up to 30 watts per port. This product can convert standard 100~240V/AC power into low-voltage DC that runs over existing LAN cable to power up IEEE 802.3at compliant network accessories. By adding ES0802-41 to existing networking, installing networking products such as Access Points and IP cameras can be easily managed and set up. Wireless device deployments are easily located with available power outlets and network administrators don't need to use heavy AC power adapters anymore.

High-Speed Networking and Jumbo Frames Support

ES0802-41 provides an excellent solution for expanding your Gigabit network. By Gigabit speed, this product provides high flexibility and high bandwidth connectivity to servers, workstations and other attached devices. It enables you to save time transferring large files. In addition, it also supports Jumbo Frames 9.6K to improve network utilization of large file transfers.

Exceptionally Smart

ES0802-41 provides Smart features that are ideal for simple QoS/CoS applications and basic monitoring tools to improve network efficiency. Its security and management features, such as VLAN (IEEE 802.1Q VLAN tagging and port-based VLAN) to secure your network. Through a Web-based interface, an administrator can set up VLANs to segregate traffic, QoS to prioritize mission-critical data and link aggregation to create fat traffic pipelines. In addition, ES0802-41 also supports Rapid Spanning Tree to detect and break unintentional cabling loops within the network. All of these features offer extra protection on the network edge. Best of all, the password-protected configuration interface can be accessed remotely.

Advanced Security

ES0802-41 supports IEEE802.1x port authentication.

Enterprise-Class Web Management Utility

With graphic user interface, it's easy to manage, plan and configure ES0802-41 Gigabit Web Smart Ethernet Switch. This utility provides valuable tools, such as,

Configuration List:

The configuration features of the Web Management utility allows the system administrator to set the IP Address, the user name and the password of ES0802-41.

Monitoring List and Statistic View:

ES0802-41 can be monitored for every status by the system administrator. When an abnormal event occurs on the switch, messages can be set to notify the system administrator.
Maintenance List:
The system can easily maintain ES0802-41 by updating every status.

No Special Networking Cable Required

By adding PoE devices, you can use an existing standard Cat.5/Cat.5e Ethernet cable without a new electrical outlet for both power and data. It helps you reduce installation time and cost.

Auto-MDI/MDI-X

Every port can automatically sense your type of cable, so there is no need for crossover cables whether you are connecting this switch to another switch or to a computer.

Auto-Negotiation

Every port can automatically sense if the connected network devices are running at 10Mbps/ 100Mbps/1000Mbps and Half/Full-Duplex mode, and adjust accordingly.

Non-Blocking

This switch receives and forwards traffic seamlessly with its non-blocking wire-speed. Every port simultaneously supports up to 200Mbps/2000Mbps of bandwidth in full-duplex mode. This feature provides full wire speed to the connected devices and allows you to run a smooth network.

Store and Forward

By this function, this switch can maximize network performance while minimizing the propagation of bad network packets.

Specifications

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.ab 1000BaseT IEEE 802.3z 1000BaseSX/LX IEEE 802.3x Flow Control IEEE 802.3at PoE IEEE 802.1x Port Authentication IEEE 802.1Q VLAN Tagging IEEE 802.3ad Port aggregation IEEE 802.1d Spanning tree protocol IEEE 802.1w Rapid Spanning tree protocol IEEE 802.1p Class of Service, Priority Protocols
Features	RJ-45 Ports: 8 MAC Address: 8K Buffer Memory: 144K Bytes Jumbo Frames: 9.6K Transmission Method: Store and Forward
Smart Features	VLAN: 16 Trunk Groups : 4 SNMP Quality of Service IGMP Snooping LACP, RSTP Rate Limiting 802.1x Port-based Security Management: Port Mirroring, Password-protected Access, Port Settings, Web-base Management, Graphic User Interface
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP 1000BaseT Cat. 5E UTP/STP
Led Indicators	Per Port: Link/Act, 1000M Per Unit: Power
Power Requirement	90~264V/AC, 50~60Hz
Power Consumption	130 watt (Max)
Dimensions	266 × 160 × 44 mm (L x W x H)
Weight	0.95 kg
Operating Temperature	0 to 40℃
Storage Temperature	-20 to 90℃
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class A, CE