

PS-2414GW

24-port Gigabit PoE + 4 Combo SFP Rack-mount Web Smart Ethernet Switch



- * 24-Port 10/100/1000BaseT(X) PoE with 4 Combo UTP/ SFP Open Slots
- * Web-based Configuration and Management
- * IEEE 802.1Q VLAN Tagging
- * 802.1p Priority Queues
- * Jumbo Frames 9.6K
- * IGMP Snooping v1/v2/v3 Support
- * Link Aggregation and Spanning Tree
- * Support SNMP function
- * Internal Power Supply
- * 19" Industrial Size

Introduction

PS-2414GW is 24-port 10/100/1000M PoE with 4 Combo UTP/SFP Rack-mount Gigabit Web Smart Ethernet Switch that is designed for medium or large network environment to strengthen its network connection. Including rack-mount brackets, the 19" size fits into your rack environment. It is a superb choice to boost your network with better performance and efficiency.

IEEE 802.3af Power over Ethernet (PoE) ports

PS-2414GW features 24 IEEE 802.3af Power over Ethernet (PoE) ports supplying max power up to 15.4 watts per port with total power of 390Watts. This product can convert standard 100~240V/AC power into low-voltage DC that runs over existing LAN cable to power up IEEE 802.3af compliant network accessories. It also features PoE awareness to verify whether the network device receive power is IEEE 802.3af compliant, or only the data will be sent through LAN cable. By adding PS-2414GW 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.

4 Combos SFP Open Slots

PS-2414GW supports 4 Combo SFP open slots to uplink to servers, storage, or other switching devices for long loop reach applications.

High-Speed Networking and Jumbo Frames Support

PS-2414GW 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

PS-2414GW 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 bandwidth control, and VLAN (IEEE 802.1Q VLAN tagging and port-based VLAN) to secure your network. Through a Web-based interface, an administrator can set up VLAN to segregate traffic, QoS to prioritize mission-critical data and link aggregation to create fat traffic pipelines. In addition, PS-2414GW 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

PS-2414GW supports specific MAC Addresses filtering for every port, and then only identifiers have the privilege to pass through the specific ports. On security, it also supports IEEE802.1x port authentication.

Enterprise-Class Web Management Utility

With graphic user interface, it's easy to manage, plan and configure PS-2414GW Rack-mount 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 PS2414GW.

Monitoring List and Statistic View:

PS-2414GW 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 PS-2414GW by updating every status.

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 or 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 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.

Technical Specifications

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|------------------|---|
| Standards | IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.ab 1000BaseT IEEE 802.3z 1000BaseSX/LX IEEE 802.3x Full-duplex and Flow Control IEEE 802.1x Port-based Network Access Control IEEE 802.1Q VLAN IEEE 802.3ad Link Aggregation IEEE 802.1d Spanning Tree Protocol IEEE 802.1w Rapid Spanning Tree Protocol IEEE 802.1p Class of Service, Priority Protocols IEEE 802.3af Power Over Ethernet |
| Features | RJ-45 Ports: 24 with PoE (IEEE 802.3af) Combo SFP Open Slots: 4 MAC Address: 8K Buffer Memory: 340K Bytes Jumbo Frames: 9.6K Transmission Method: Store and Forward |

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|-----------------------------------|---|
| Filtering/Forwarding Rates | 1000Mbps port – 1,488,000pps 100Mbps port - 148,800pps 10Mbps port - 14,880pps |
| Smart Features | VLAN: 32 Tagged VLAN: 32 VLAN ID: 1~ 4094 Trunk Groups: 8 Quality of Service: up to 4 queues IGMP Snooping v1/v2/v3 LACP, RSTP,SNMP MAC Filtering Rate Limiting (Ingress rate and Egress rate) 802.1x Port-based Network Access Control 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, PoE Per Unit: Power |
| Power Input | 100~240V/AC, 50~60Hz |
| Power Output | 48V/ DC |
| Power Consumption | 195W/ 390 Watts (Max) |
| Dimensions | 440 × 332 × 44 mm (L x W x H) |
| Weight | 4.2kg /4.5 kg |
| Operating Temperature | 0 to 40℃ |
| Storage Temperature | -20 to 90℃ |
| Humidity | 10 to 90% RH (non-condensing) |
| Certifications | FCC Class A, CE |