

PoE-8242WS

24 Port 10/100Mbps + 2 Port Gigabit Combo TP/SFP Web-Managed PoE Switch

Overview

Introduction

POE-8242WS is 24-port 10/100M + 2 Combo Gigabit Copper / 2 SFP Rack-mount Web-Management PoE 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

POE-8242WS features 24 IEEE 802.3af Power over Ethernet (PoE) ports supplying Maximum 390Watt. 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 POE-8242WS 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.

2 Combo Gigabit Copper / 2 SFP Open Slots

POE-8242WS supports 2 Combo Gigabit Copper or 2 SFP open slots to uplink to servers, storage, or other switching devices for long loop reach applications

Exceptionally Smart

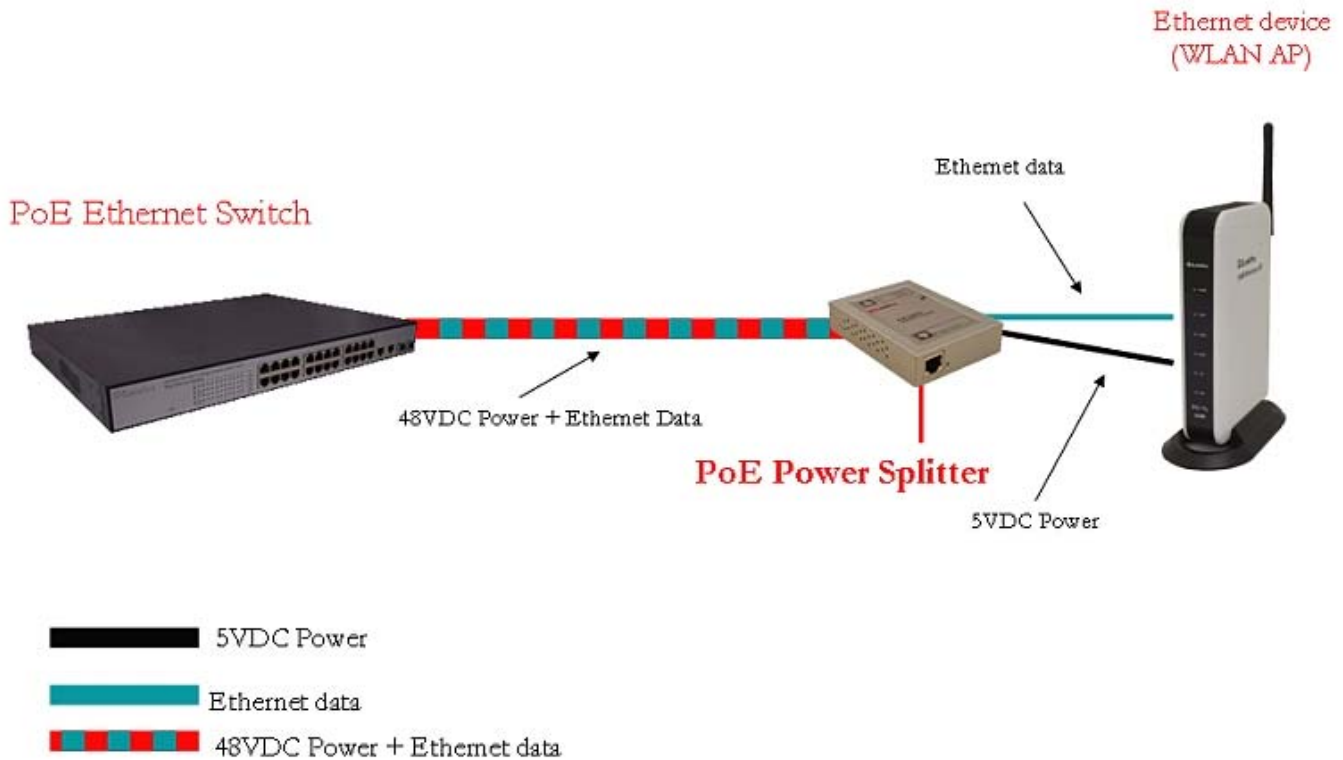
POE-8242WS provides management features that are ideal for simple QoS/CoS applications and basic monitoring tools to improve network efficiency. Its security and management features such as bandwidth control and VLANs to secure your network. Through a Web-based interface, an administrator can set up VLANs to segregate traffic, QoS to prioritize mission-critical data and link aggregation to create fat traffic pipelines. All of these features offer extra protection on the network edge. Best of all, the password-protected configuration interface can be accessed remotely.

Specifications

Standards	<ul style="list-style-type: none"> ● 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 802.1Q VLAN ● IEEE 802.1p QoS / Class of Service, Priority Protocols ● IEEE Standard 802.1D Spanning Tree Protocol ● IEEE Standard 802.1W Rapid Spanning Tree Protocol ● IEEE Standard 802.1ad Link Aggregation ● IEEE802.3 Nway Auto-negotiation ● IEEE802.3af Power over Ethernet
Features	<ul style="list-style-type: none"> ● Number of Ports: ● 10/100BaseTX with RJ-45 Connectors: 24 port with 24 PoE port (full power) ● 10/100/1000BaseT with RJ-45 Connectors: 2 ● Combo SFP Open Slots: 2 ● MAC Address: 4K ● Buffer Memory: 2.75Mb
Smart Features	<ul style="list-style-type: none"> ● Management: <ul style="list-style-type: none"> ➢ Password-protected Access ➢ Port Configuration ➢ Port Mirroring ➢ Bandwidth Control ➢ Broadcast Storm Control ➢ IGMP Snooping v1/v2 ➢ PoE On/ Off Configuration ➢ Backup/ Recovery Setting ● VLAN Setting: <ul style="list-style-type: none"> ➢ Tag-based: 32 groups ➢ Port-based: 26 groups ➢ VLAN ID (1~4094K) ● QoS: <ul style="list-style-type: none"> ➢ Priority Mode

	<ul style="list-style-type: none"> ➤ Class of Service Configuration ➤ TCP / UDP Port-based ● Port Security Filter: <ul style="list-style-type: none"> ➤ MAC Address based ➤ TCP / UDP port base ● Spanning Tree Protocol Setting ● Link Aggregation (Trunk) Setting: 3 Groups per device, up to 4 ports per Group.
Filtering/Forwarding Rates	<ul style="list-style-type: none"> ● 10Mbps port - 14,880pps ● 100Mbps port - 148,800pps
Transmission Media	<ul style="list-style-type: none"> ● 100BaseTX Cat. 5 UTP/STP ● 10BaseT Cat. 3, 4, 5 UTP/STP
Led Indicators	<ul style="list-style-type: none"> ● Per Unit: Power ● Per Port: Link / Act ● PoE : Act / Status
Power Input	<ul style="list-style-type: none"> ● 100~240V/AC, 50~60Hz
Power Output	<ul style="list-style-type: none"> ● 48V/DC Per Port Output – 15.4 W Max Per Port
Power Consumption	<ul style="list-style-type: none"> ● Max. 390 Watt (full-power)
Dimensions	<ul style="list-style-type: none"> ● 440 x 332 x 44 mm (L x W x H)
Weight	<ul style="list-style-type: none"> ● 4.7 kg
Operating Temperature	<ul style="list-style-type: none"> ● 0 to 40°C
Storage Temperature	<ul style="list-style-type: none"> ● -20 to 70°C
Humidity	<ul style="list-style-type: none"> ● 10 to 90% RH (non-condensing)
Regulatory Compliance	<ul style="list-style-type: none"> ● FCC Class A, CE

Application



Ordering Information

POE-8242WS : 24 Port 10/100Mbps + 2 Gigabit Combo TP/SFP Web-Management PoE Ethernet Switch (24 PoE ports), Full-power version (max. 390W)

** Product specification subject to change without notice.*

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