

ED-ES1008Pv2

Edimax Long Range 8-Port Fast Ethernet PoE+ Switch with DIP Switch

Product Overview

Edimax Long Range 8-Port Fast Ethernet PoE+ Switch with DIP Switch, IEEE 802.3af/at PoE compliant, Hardware DIP switch for "Standard" and "Extend" mode selection, The "Extend" mode features 30-watt PoE transmit distance of 200m at speed of 10Mbps, Port-based VLAN and Loop Protection features, Supports 802.1p Quality of Service (QoS)



Specifications

Overview:

Long Range 8-Port Fast Ethernet PoE+ Switch with DIP Switch - ES-1008P V2

- Eight 10/100Mbps Fast Ethernet PoE+ ports
- IEEE 802.3af/at PoE compliant for simplified deployment and installation.
- Up to 30W per PoE port (total power budget: 130W) for powering PoE-enabled devices.
- Auto-detection of powered devices (PD) and power consumption levels.
- Hardware DIP switch for "Standard" and "Extend" mode selection; the "Extend" mode features 30-watt PoE transmit distance of 200m at speed of 10Mbps.
- Port-based VLAN and Loop Protection features
- Supports 802.1p Quality of Service (QoS)

Features:

The Edimax ES-1008P V2 is an Eight PoE+ Port Fast Ethernet switch designed for use in home, small or medium sized network environments. With eight DIP switches, PoE ports can be manually set with on/off control, extending PoE delivery distance up to 200 meters and port-based on/off control for VLAN and QoS is also supported. The switch easily connects and supplies power to PoE-enabled devices such as wireless access points, network cameras and IP phones as well as other Ethernet-enabled devices such as computers, printers or network attached storage (NAS). The compact size and fan-less design make the switch an ideal solution for expanding home and small business networks.

Power over Ethernet (PoE+) Auto Detection

Features eight IEEE 802.3at Power over Ethernet (PoE+) ports which supply up to 30 watts of electricity per port. It can convert standard 100-240V AC power into low-voltage 50 - 57V DC electricity to power IEEE 802.3at compliant network accessories via existing LAN cables. With PoE detection capability, the ES-1008P V2 is able to verify whether the connected device is IEEE 802.3at compliant. In the event that a PoE device is not detected, only network data will be transmitted through the LAN cable - meaning easy setup and management of network devices such as access points and network cameras.

CCTV Mode

The unique CCTV-mode DIP switch function is ideal for surveillance networking environment. Switching all DIP switches to on enables CCTV mode which gives multi-function PoE + data extension, Port Isolation and QoS on the ES-1008P V2. When using video surveillance systems for homes, business or institutions, the CCTV mode provides better speeds for multicast viewing and easier installation. Setting all DIP switches back to off quickly changes the ES-1008P V2 back to normal for general-use data transmission.

Power and Data Distance Extension

The built-in DIP switch provides extended operation modes on switch 1, 2, 5, 6 & 7. The ES-1008P V2 operates as a "standard" IEEE 802.3at/af PoE Switch when DIP switches are off. With switches on, the ES-1008P V2 operates on a per-port basis at 10Mbps duplex operation but can support 30-watt PoE power output over a distance of up to 200 meters, overcoming the 100m limit on Ethernet UTP cables. With this brand-new feature, the ES-1008P V2 provides an additional solution for 802.3at/af PoE distance extension and saves costs of Ethernet cable installation.

Innovative Port-based VLAN Features

The ES-1008P V2 features port-based VLAN where ports can be isolated from each other via DIP switch port 3 & 8. This can help to prevent IP camera's multicast or broadcast storms from affecting each other.

* Ports 1, 2, 3, 4 can connect to uplink ports 5, 6, 7, 8.

* Ports 5, 6, 7 can connect to uplink ports 1, 2, 3, 4, 8.

Hardware QoS for Video & Voice Traffic Priority

Supports 802.1p QoS via DIP switch port 4. This ensures first priority for video and voice traffic.

Plug & Play, No Installation Required

Just plug Ethernet or PoE enabled devices into the switch. Data and power can be transmitted through existing standard Cat-5e Ethernet cables with no additional cables or configuration required. The ES-1008P V2 reduces the difficulty, time and cost of network setup.

Flexible Network Deployment & Energy Efficient

A fast and effective solution when power outlets are unavailable for your network devices. The switch additionally supports IEEE 802.3az Energy Efficient Ethernet which allows for less power consumption and reduced costs during periods of low data activity.

Fan-Less Quiet & Compact Design

A fan-less design ensures quiet operation and enables an even more compact design, keeping valuable desk space free in home or small office environments.

Specifications:

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Product Specification Sheet

Specifications	
Product Code	ED-ES1008Pv2
Hardware	
Ports	8 RJ-45 10/100Base-T PoE+ ports
Transmission Method	Store and forward
LED Indicators	Power: Green LED
	LNK/ACT: Green LED (Port 1 - Port 8)
	PoE: Green LED (Port 1 - Port 8)
	PoE Alert: Green LED (PoE overload alarm)
Fan	Fanless
DIP Switch	PoE Extend, VLAN, QoS
Power Requirements	Input: 100-240V AC
	Power Supply: 160W
Power Consumption	5W
Dimensions (L x W x H)	265.1mm x183.7mm x 44mm
Weight	1605g
Performance	
Switching Capacity	1.6G
MAC Address	1K
Buffer Memory	56Kb
Filtering / Forwarding Rates	100Mbps port - 148,800pps
	10Mbps port - 14,880pps
Power over Ethernet	
Standard	IEEE 802.3af
	IEEE 802.3at
Power Output	Up to 30W per port
Pin Assignment	1/2(+), 3/6(-)
PoE Power Budget	130W
Environment	
Temperature	Operating: 0 ~ 40 degreesC
	Storage: -40 ~ 70 degreesC
Humidity (Non-condensing)	Operating: 10 ~ 90%
	Storage: 5 ~ 90%
Standards Compliance	

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Product Specification Sheet

Standards	IEEE 802.3 10BaseT Ethernet
	IEEE 802.3u 100BaseTX Fast Ethernet
	IEEE 802.3af Power over Ethernet (PoE)
	IEEE 802.3at Power over Ethernet Plus (PoE+)
	IEEE 802.3x Full-duplex and flow control
	IEEE 802.3az Energy efficient Ethernet
Certifications	FCC, CE, LVD

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/ED-ES1008Pv2-Edimax-Long-Range-8-Port-Fast-Ethernet-Buy-p-162694.php>

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