



ETENTECH PS-254

- Compliant with IEEE 802.3af/at
- Metal Case with Palm Size
- Auto-MDI/MDI-X
- Auto-Negotiation
- Non-Blocking
- Store and Forward

4-port 10/100M PSE and 1-port 10/100M Uplink Fast Ethernet PoE+ Switch

Introduction

PS-254 is 4-port 10/100M PSE and 1-port 10/100M Uplink Desktop PoE+ Fast Ethernet Switch that is designed for small network environment to strengthen its network connection. It's also specially designed for video surveillance in buses, trains, subway cars and emergency vehicles. This product is compact in size, making it ideal for every user with limited space.

IEEE 802.3af/at Power over Ethernet Plus (PoE+) Ports

PS-254 features 4-port PoE+ IEEE 802.3at supplying up to 30 watts per port. This product is 56V/DC power into low-voltage DC that runs over existing LAN cable to power up IEEE 802.3at compliant network accessories. It also features high power awareness to verify whether the network device receive power is IEEE 802.3at compliant, or only the data will be sent through LAN cable. By adding PS-254 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.

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 or 100Mbps 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 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.

Specification

Interface	
10/100M PoE RJ45 Ports	4
10/100M Uplink RJ45 Port	1
System Performance	
Packet Buffer	764 Kbits
MAC Address Table Size	1K
Switching Capacity	1Gbps
Forwarding Rate	0.744Mpps
PoE Features	
IEEE 802.3 af/at	IEEE 802.3 af/at
Number of PSE Ports	4
Max. PoE Budget	62W
Max. System Consumption	3W
External/Internal Power	External Power
Power Feeding Detecting Capability on PD	•
L2 Features	
Auto-negotiation	•
Auto MDI/MDIX	•
Flow Control (duplex)	•
	802.3x (Full)
	Back-Pressure (Half)
	•
Mechanical	
Power Input	100~240V 50~60Hz 54V/0.92A or 56V/1.17A Power Adapter
Dimension (H*W*D)	24 × 130 × 97 mm
LED	Power, PoE, Link/Act
Operating Temperature	0~45°C
Storage Temperature	-20~80°C
Operating Humidity	5~90% (non-condensing)
Weight	330g
Certification	CE mark, Commercial; FCC Part 15 Class B; VCCI
Standard	
IEEE 802.3 – 10BaseT	•
IEEE 802.3u – 100BaseTX	•
IEEE 802.3af Power over Ethernet (PoE)	•
IEEE 802.3at Power over Ethernet (PoE+)	•
IEEE 802.3x - Flow Control	•