4-port PoE Extender PE104A
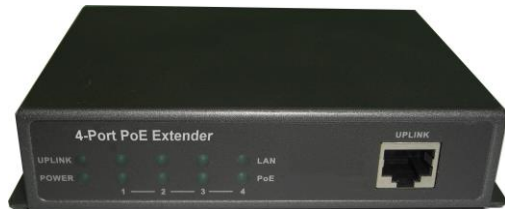
* PoE Extension for total 200 meters
* 802.3at/af, midspan PoE input
* 4-port 802.3at/af PoE Output

Introduction

PE104A is a 4-port 10M/100M Fast Ethernet PoE Extender. One uplink port is embedded with PoE PD and 4 ports of Power over Ethernet output capability. Each PoE port supports PoE PD detection before PoE power injecting. PE104A is flexibly powered by 802.3at/af PoE Switch or midspan Injector or DC power adaptor. The maximal PoE connection is upto 200 meters in total.

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.

Power Protection

PE104A series supports power protections as OVP (Over Voltage Protection), OCP (Over Current Protection), OTP (Over Temperature Protection), robust short-circuit protection and surge protection.

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

It maximizes network performance while minimizing the propagation of bad network packets.

Technical Specifications

Standards	IEEE 802.3 10BaseT, IEEE 802.3u 100BaseTX
	IEEE 802.3x Flow Control
	IEEE 802.3at/af
Features	MAC Address: 2K
	Buffer Memory: 512K bits
	Transmission Method: Store and Forward
Filtering/Forwarding Rates	100Mbps port - 148,800pps
	10Mbps port - 14,880pps
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP
	100BaseTX Cat. 5 UTP/STP
Uplink Port	802.3at/af PoE PD embedded
Output PoE Pin	1,2,3,6
LED Indicators	Power, Uplink , LAN1~4 port , PoE 1~4 port
Power Adaptor (Optional)	Input: 100-240VAC, 50~60Hz Output: 48VDC/1.3A
Dimensions	120 x 90 x 28 mm (L x W x H)
Weight	0.8 kg
Operating Temperature	0 to 50℃
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC , CE

Application Diagram