# WI-PE51
## 5-Port 48V 100Mbps PoE Extender
## with 4-Port PoE OUT and 1-PoE IN
## Datasheet

www.wireless-tek.com

## Highlight

- 5 100Mbps Ports with 4 PoE Out, 1 PoE IN

- Supports PoE power up to 30W for each port

- Supports PoE IEEE 802.3af/at compliant PDs

- Support 150meters Long-Range transmit

- LED indicators for LINK/ACT,Power, PoE Status, 100Mbps

- 2K entry MAC address table with auto-learning and auto-aging



POE output    POE input
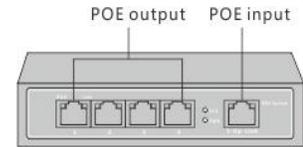
## Typical Application
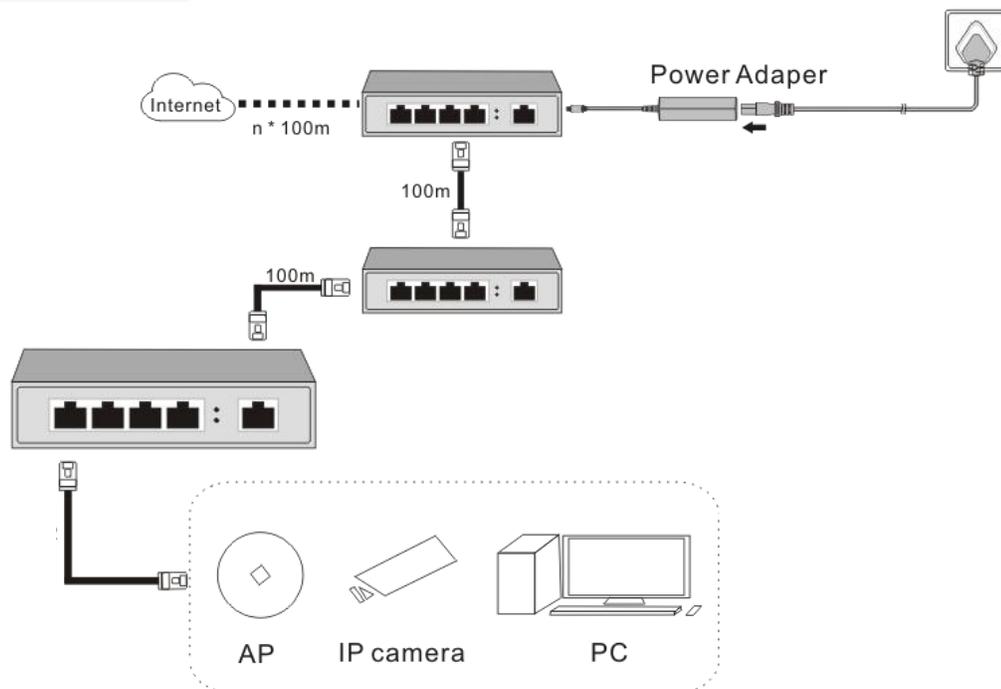


## Description

### what this product does

WI-PE51 is a 5-port 10/100Mbps POE Extender，Develop used for Ethernet power

supply application scenarios Unable to receive electricity Situation; No need to use

power adapter; POE extended distance 150 meters. high performance wired

network. Moreover, with innovative energy-efficient technology, the WI-PE51 can save

up to 68% of power consumption, making it an eco-friendly solution for your home or office network.

## Easy to Use
The auto features of this Ethernet switch make installation plug and play and hassle-free. No configuring is required. Auto MDI/MDIX eliminates the need for crossover cables. Auto-negotiation on each port senses the link speed of a network device (10, 100 Mbps) and intelligently adjusts for compatibility and optimal performance.

Specificatio

| HARDWARE FEATURES | |
| --- | --- |
| Interface | 4 POE OUT 10/100Mbps RJ45 Ports<br>1 POE IN 10/100Mbps RJ45 Ports |
| Network Media | 10Base -T:Pair 2 Category 3(Cat3) and above UTP/STP(≤100m)<br>100Base-TX: Pair 2 Category 5(Cat5) and above UTP/STP(≤100m) |
| Fan Quantity | Fanless |
| Power Consumption | 65W (max. with PoE device connected) |
| External Power Supply | DC 52V 1. 25A<br>AC 110~220V  50/60HZ |

| | |
|---|---|
| **PoE Ports (RJ45)** | Standard: 802.3 af/at compliant<br>PoE IN Port: Port1<br>PoE OUT Ports: Por2- Port5 |
| **Exchange Capacity** | 1G |
| **Mac Address Table** | 2K |
| **Dimensions** | Product Size：<br>132mm*88mm*32mm<br>（L* W* H） |

| SOFTWARE FEATURES | |
|---|---|
| **Transmission Method** | Store-And-Forward |
| **Advanced Functions** | Priority Function<br>Mac Address Auto-Learning And Auto-Aging<br>Store and forward<br>IEEE 802.3x flow control for Full-duplex Mode<br>Backpressure for Half-duplex Mode |

| OTHERS | |
|---|---|
| **Certification** | CE, FCC, RoHS |

| | |
|---|---|
| **Package Contents** | POE Switch<br>Electric Line<br>Guide Book/Warranty Card |
| **Environment** | Working Temperature：<br>0℃～40℃<br>Storage temperature ：<br>-40℃～70℃<br>Working Humidity ：<br>10%～90% RH<br>non-condensing<br>Storage Humidity：<br>5%～90% RH non-condensing |