WI-PS108R
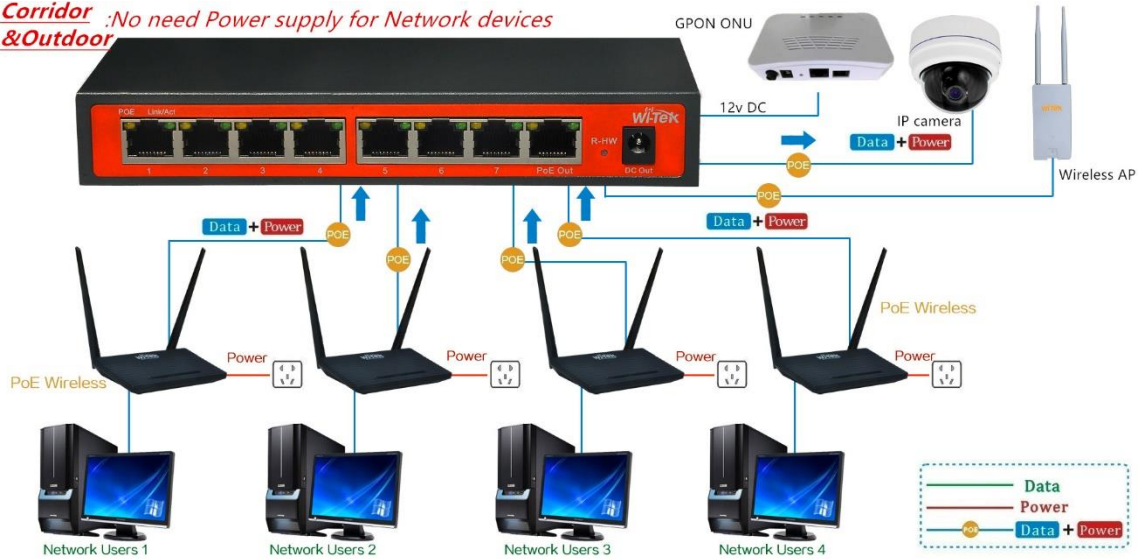# 8-Port 24V 100Mbps Reverse PoE Switch
with 8-Port PoE Datasheet

Highlights

- Port1-7 for PoE In, Port8 for PoE Out

- PoE Output 24V 1A, DC output 5V/12V

- Support 24V Passive PoE compliant PSD and PD

- used for FTTx for power up ONU in building

- Support Port VLAN

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

Typical Applications

Fiber Reverse PoE Solution for FTTH

Description

What This Product Does

WI-TEK Reverse PoE Technology has intelligent Power management feature solving a major problem of powering the device for ISPs. This switch can be powered using Remote Power from customer end using specially designed reliable PoE Wireless Router from us or any standard PoE Injector (24V DC, 1A). This eliminates the need to arrange for power at building top and no UPS is needed / no money to be paid to society/power providing customer. This saves lot of MONEY for ISPs and improves service delivery with uninterrupted service to the customer.

How This Product Works

It integrates 8*10/100Mbps Fast Ethernet network capabilities. Port1-7 for PoE In, Port8 for PoE Out，Support 24V Passive PoE compliant PSD and PD. 8 Auto-Negotiation RJ45 ports (port-1 to port-7) of the switch support Power over Ethernet (PoE) IN function. These PoE ports (port-1 to port-15) can automatically detect and accept power with those 24v Passive PoE compliant PSE. Then this switch can continue to power up next switch or wireless AP/CPE via PoE output Port 8

Easy To Use

WI-PS108R is easy to install and use. It requires no configuration and installation. With outstanding performance and quality, the WI-PS108R is a great selection for expanding your FTTB(fiber to the building) or FTTW(fiber to the wireless) network.

Specifications

HARDWARE FEATURES

Interface	8 RJ45 10/100M ports
Network Media	10Base-T: Pair 2 Category 3(Cat3) and above UTP/STP(≤150m) 100Base -TX: Pair 2 Category 5(Cat5) and above UTP/STP(≤150m)
Fan Quantity	Fanless
Power Supply Output	DC 5V/12V MAX 2A

HARDWARE FEATURES

POE Ports(RJ45)	POE in Ports:Port1~7 POE out Port:Port8
POE pin	4/5+, 7/8-
Exchange Capacity	1.6G
Mac Address Table	1K
Dimensions	Product Size： 175mm*75mm*30mm （L*W*H）

SOFTWARE FEATURES

Transmission Method	Store-And-Forward
Advanced Functions	Priority Function Mac Address Auto-Learning And Auto-Aging Store and forward IEEE 802.3x flow control for Full-duplex Mode Backpressure for Half-duplex Mode Support VLAN

OTHERS

Certification	CE, FCC, RoHS
Package Contents	POE Switch Electric Line Guide Book/Warranty Card 2L Shape Mount+4 Shim
Environment	Working Temperature： 0℃～40℃ Storage temperature ： -40℃～70℃ Working Humidity ： 10%～90% RH non-condensing Storage Humidity： 5%～90% RH non-condensing