WI-PS108R
8 FE 24V 100Mbps
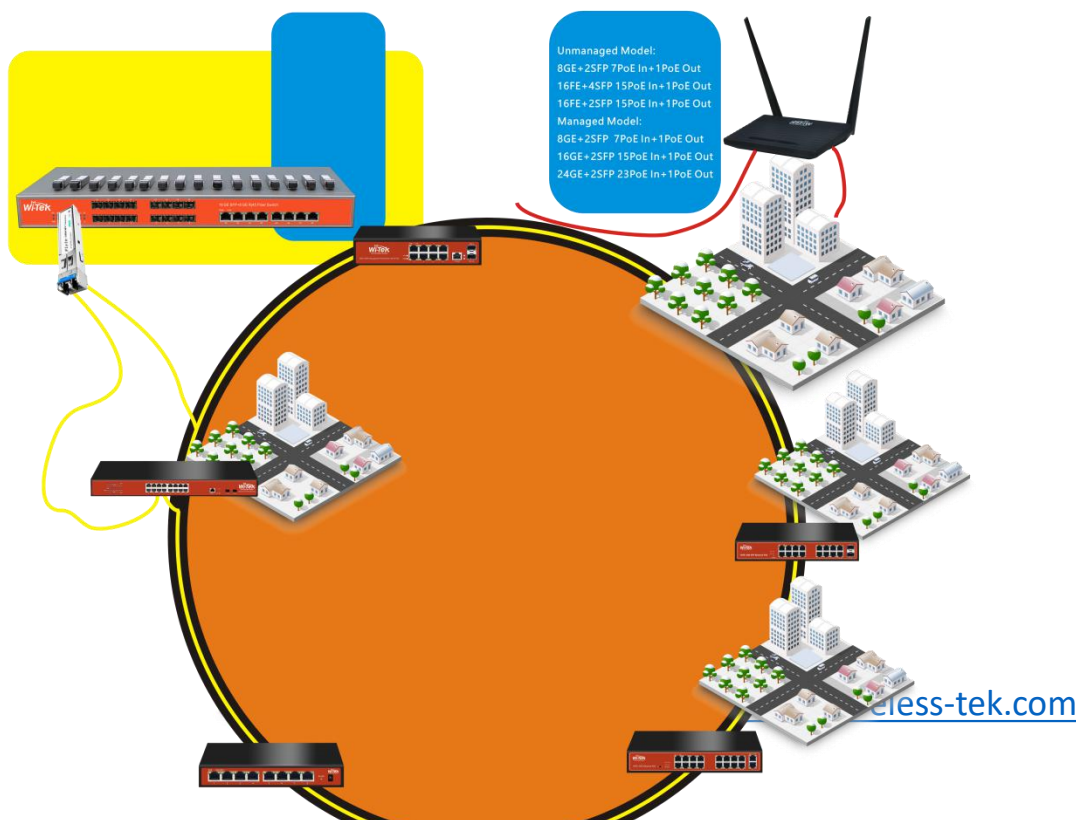# Reverse PoE Switch with 8-Port PoE
Data sheet

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

- 4K entry MAC address table with auto-learning and auto-aging

- Support Port VLAN(Port isolation) function

Product

Typical Applications

Unmanaged Model:
8GE+2SFP 7PoE In+1PoE Out
16FE+4SFP 15PoE In+1PoE Out
16FE+2SFP 15PoE In+1PoE Out
Managed Model:
8GE+2SFP 7PoE In+1PoE Out
16GE+2SFP 15PoE In+1PoE Out
24GE+2SFP 23PoE In+1PoE Out

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What This Product Does

 Wi-Tek Reverse PoE Technology has intelligent Power management features to provide a centralized, uninterrupted Outdoor PoE solution for FTTx ISP/WISP project. It build a multi-user sharing network to reduce the cost for ISP in rural area. It's also provide an eco-friendly solution. Once one of the users initiates a network request, the ISP device is awakened to provide a timely and uninterrupted network service, While there is no request from end-users, the device turn to sleep mode and does not consume electricity.

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
POE Ports(RJ45)	POE In: Port1~7 POE Out: Port8
POE pin	4/5+, 7/8-
Exchange Capacity	1.6G
Mac Address Table	2K
Packet Forwarding Rate	1.2Mpps
Buffer	768Kb
Jumbo Frame	10240Bytes

HARDWARE FEATURES

Dimensions	Product Size： 175mm*90mm*23mm （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 Port VLAN(Port isolatin)

OTHERS

Certification	CE, FCC, RoHS
Package Contents	POE Switch Electric Line Guide Book/Warranty Card
Environment	Working Temperature： -10℃～55℃ Storage temperature ：

	-40℃～70℃ Working Humidity ： 10%～90% RH non-condensing Storage Humidity： 5%～90% RH non- condensing