



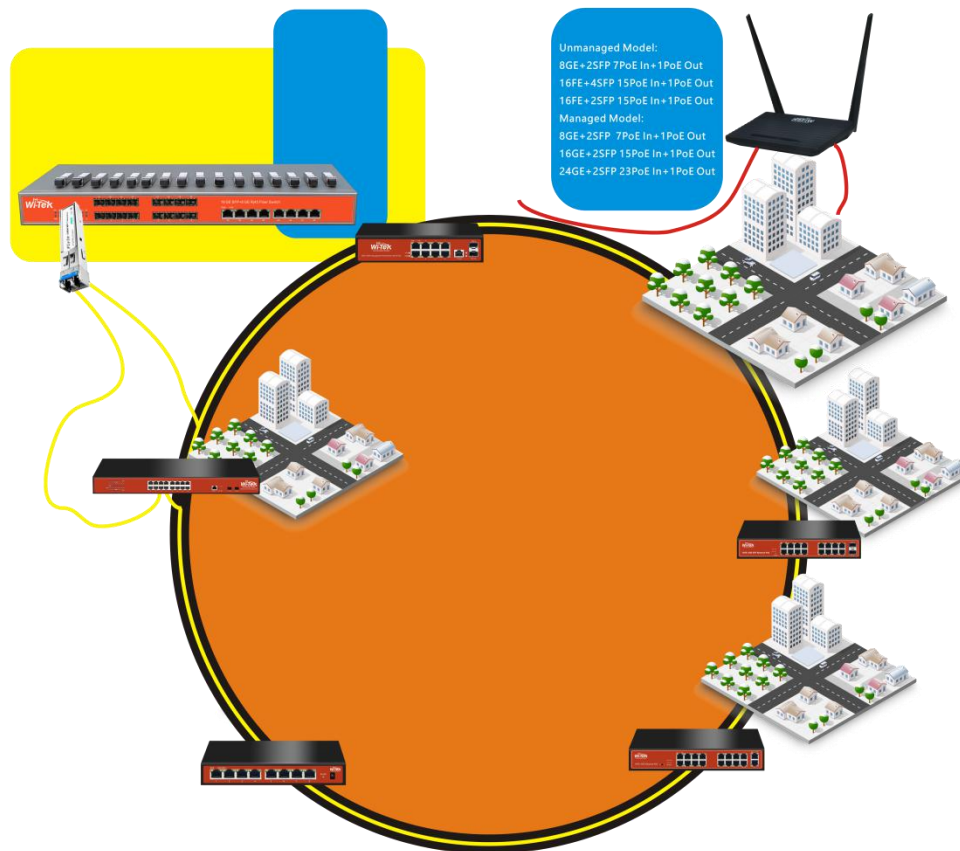
WI-PS118GR
16FE+2Gigabit 24V Ports Reverse
PoE Switch with 16-Port PoE
Data sheet

Highlights

- Port1-15 for PoE In, Port16 for PoE Out, 2 GE uplink ports
- PoE Output 24V 1A, DC output 12V
- Support 24V Passive PoE compliant PSD and PD
- used for FTTx for power up ONU in building
- Uplink Port for Gigabit application
- 8K entry MAC address table with auto-learning and auto-aging



Typical Applications



Description

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 2*1000Mbps Gigabit UPLINK Ports and 10/100Mbps Fast Ethernet network capabilities. Port1-15 for PoE In, Port16 for PoE Out, Support 24V Passive PoE compliant PSD and PD, 2 Gigabit RJ45 Ports can do Uplink Port. 16 Auto-Negotiation RJ45 ports (port-1 to port-15) 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 16

Easy To Use

WI-PS118GR is easy to install and use. It requires no configuration and installation. With outstanding performance and quality, the WI-PS118GR is a great selection for expanding your FTTB(fiber to the building) or FTTW(fiber to the wireless) network.

Specifications

HARDWARE FEATURES

Interface	16 RJ45 10/100M ports 2 RJ45 1000M 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) 1000Base-T: Pair 4 Category 5(Cat5e) and above UTP/STP(≤150m)
Fan Quantity	Fanless
PoE Output	24V 1A
POE Ports(RJ45)	POE in Ports:Port1~15, POE out Port: Port 16
POE pin	4/5+, 7/8-
Exchange Capacity	7.2G
Mac Address Table	8K
Packet Forwarding Rate	5.3Mpps
Buffer	2Mbps
Jumbo Frame	10240B

HARDWARE FEATURES

Dimensions

Product Size:
285mm*220mm*45mm
(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:
-10°C ~ 55°C
Storage temperature :

-40°C ~ 70°C

Working Humidity :

10% ~ 90% RH

non-condensing

Storage Humidity:

5% ~ 90% RH non-

condensing