



WI-PS118GFR
16FE+2SFP 24V Ports
Reverse PoE Switch with
16-Port PoE Datasheet



www.wireless-tek.com

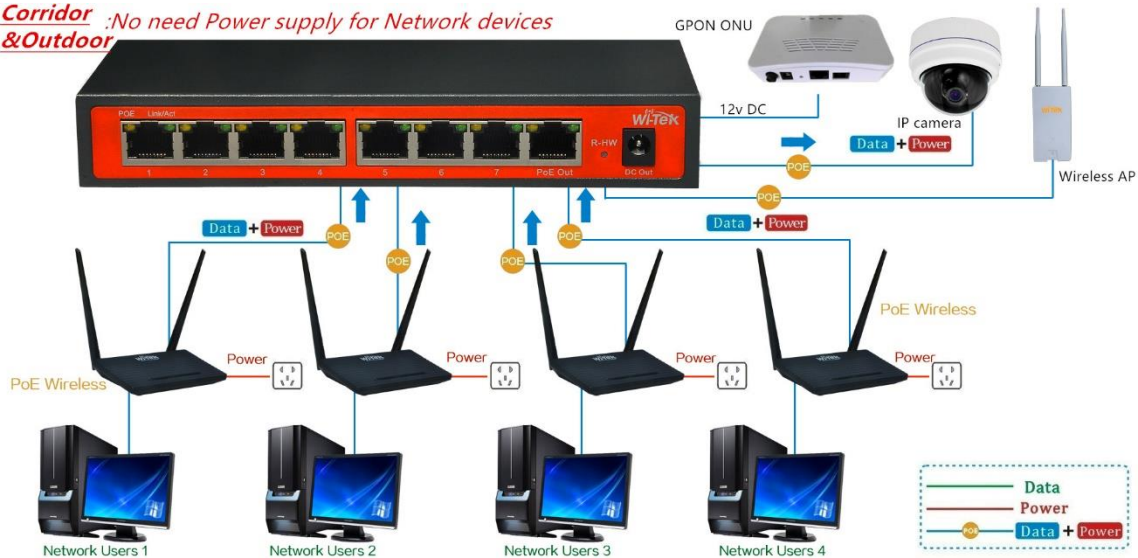
Highlights

- Port1-15 for PoE In, Port16 for PoE Out, 2SFP Fiber UPLINK PORT
- PoE Output 24V 1A
- Support 24V Passive PoE compliant PSD and PD
- used for FTTx for power up ONU in building
- Uplink Port for Gigabit SFP Fiber application
- 4K entry MAC address table with auto-learning and auto-aging



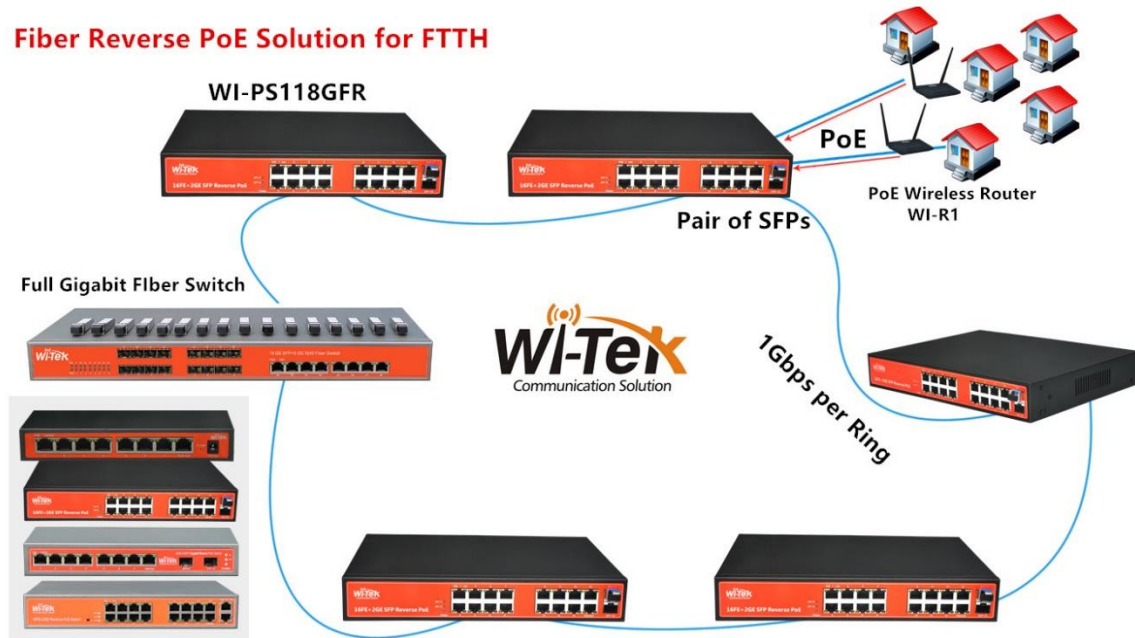
Typical Applications

Corridor & Outdoor :No need Power supply for Network devices



HOME :borrow user's electric to supply your ISP network

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 2*1000Mbps Gigabit SFP Fiber 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 SFP 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-PS118GFR is easy to install and use. It requires no configuration and installation. With outstanding performance and quality, the WI-PS118GFR 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 2SFP 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) 1000Base-SX:62.5μm/50μm MMF(2m~550m) 1000Base-LX:62.5μm/50μm MM(2m~550m) or 10μm SMF(2m~5000m)
Fan Quantity	Fanless
PoE Out	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
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

SOFTWARE FEATURES

	Backpressure for Half-duplex Mode Support VLAN
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OTHERS

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