

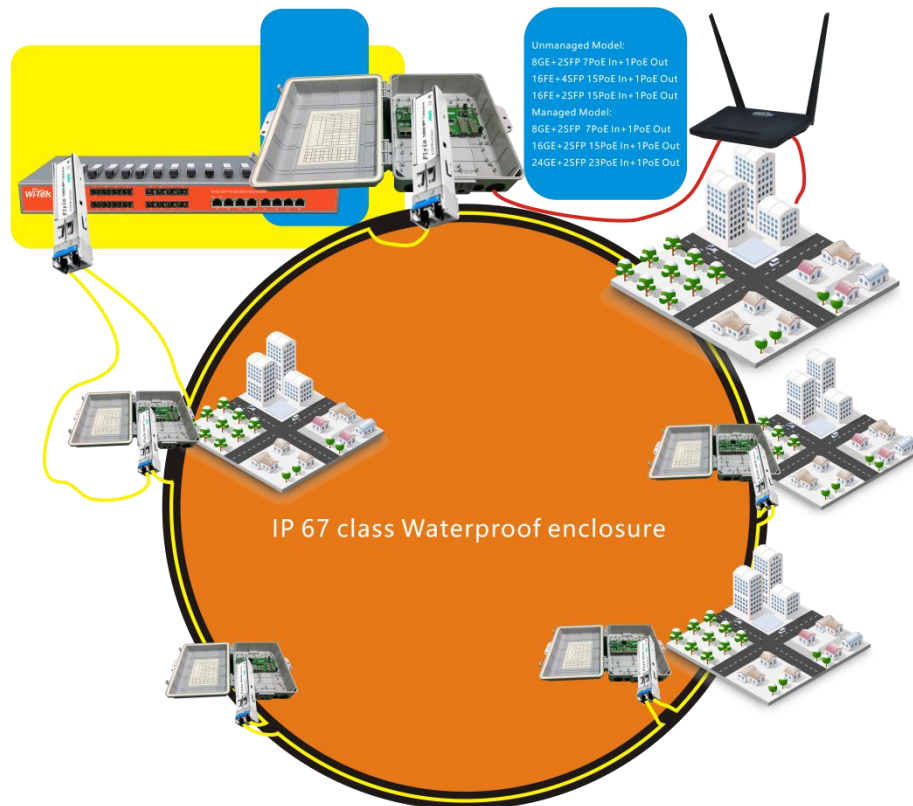


WI-PS120GFR-O
16FE+4SFP 24V Ports Outdoor Reverse
PoE Switch with 16-Port PoE
Data sheet

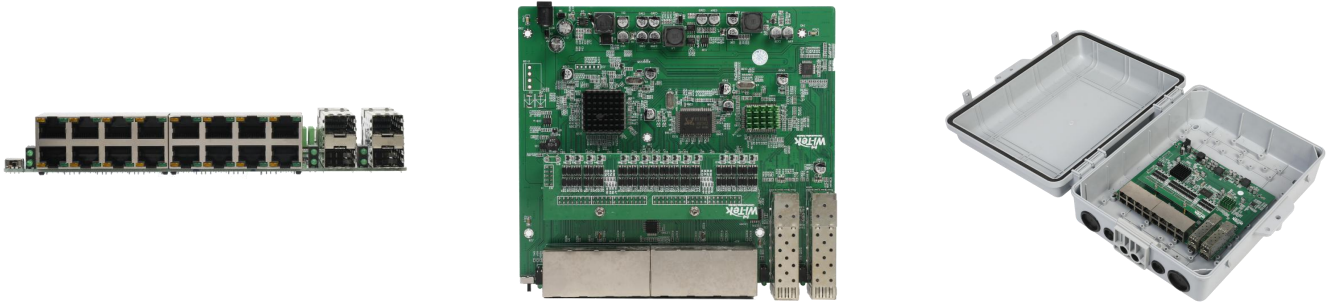
Highlights

- Port1-15 for PoE In, Port16 for PoE Out, 4SFP Fiber uplink ports
- PoE Output 24V 1A, DC output 12V 1A
- IP67 Waterproof box
- Support 24V Passive PoE compliant PSD and PD
used for FTTx for power up ONU in building
- Uplink Port for Gigabit SFP Fiber application
- 8K entry MAC address table with auto-learning and auto-aging
- Support Port VLAN mode

Typical Applications



Product



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 4*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, 4Gigabit 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-PS120GFR-O is easy to install and use. It requires no configuration and installation. With outstanding performance and quality, the WI-PS120GFR-O 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 4SFP 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)
DC Out	12V 1A
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	9.2G
Mac Address Table	8K
Packet Forwarding Rate	8.3Mpps
Buffer	2Mbps
Jumbo Frame	10240B
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

SOFTWARE FEATURES	
	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