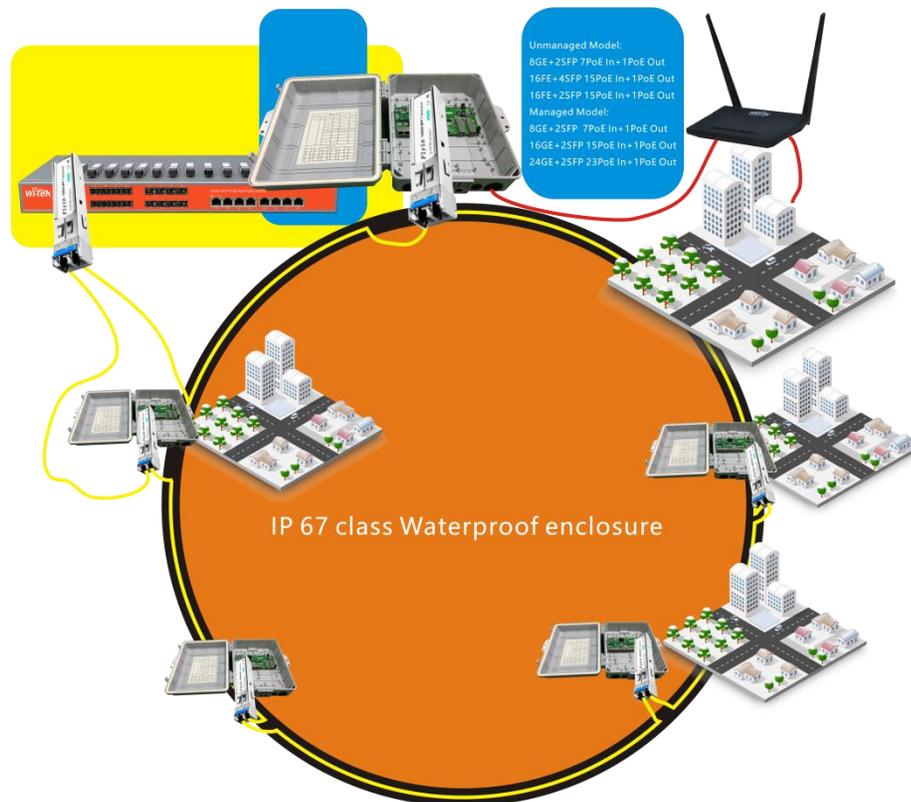**WI-PS310GFR-O**
8GE+2SFP 24V Ports Outdoor Reverse
PoE Switch with 8-Port PoE
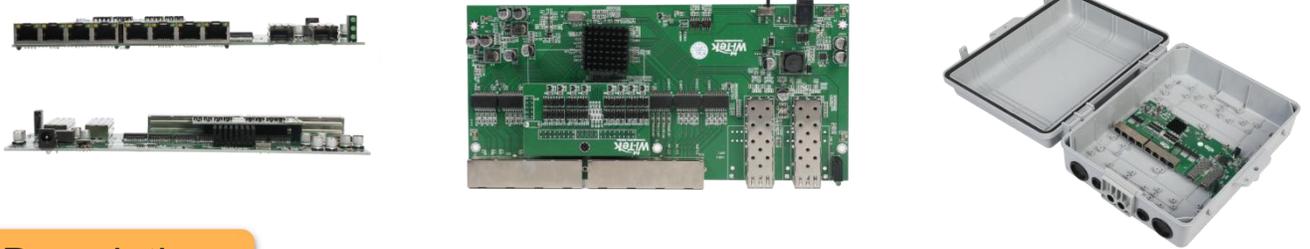**Datasheet**

www.wireless-tek.com

Highlights

- Port1-7 for PoE In, Port 8 for PoE Out, 2SFP Fiber uplink ports

- PoE output 24V 1A, DC output 12V

- 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

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

- Support Port VLAN mode (Port isolation)

Typical Applications

IP 67 class Waterproof enclosure

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

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 SFP Fiber Ports and 8*100/1000Mbps Gigabit Ethernet network capabilities. Port1-7 for PoE In, Port8 for PoE Out，Support 24V Passive PoE compliant PSD and PD, 2Gigabit SFP can do Uplink Port. 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-7) 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

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WI-PS310GFR-O is easy to install and use. It requires no configuration and installation. With outstanding performance and quality, the WI- PS310GFR-O 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 10/100/1000M ports 2 SFP 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: Port 1~7 PoE Out: Port 8

POE pin	4/5+, 7/8-
Exchange Capacity	20G
Mac Address Table	4K
Packet Forwarding Rate	14.9Mpps
Buffer	1.5Mb
Jumbo Frame	10240B
Dimensions	Product Size： 330mm*290mm*130mm （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

SOFTWARE FEATURES	
	Support VLAN

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

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