



**WI-SG324F**  
**16SFP+8GE Gigabit Ports**  
**Unmanaged Fiber Switch**  
**Datasheet**

## Highlights

- 16SFP+8GE Full Gigabit Fiber Switch
- 48Gbps Switching Capacity
- Power Budget According to Cable Length
- Green Ethernet technology saves the power up to 82%
- Plug and play, no configuration needed



## Description

### What This Product Does

The WI-TEK 16SFP+8GE 10/100/1000Mbps Fiber Switch WI-SG324F features non-blocking wire-speed architecture with a 48Gbps switching capacity for maximum data throughput. An 8K MAC address table provides scalability for even the largest networks. It also supports 802.3x Flow Control for full-duplex mode, and back pressure flow control for half-duplex mode alleviates traffic congestion and ensures reliable data transmission. Featured with 16SFP+8GE 10/100/1000Mbps ports, WI-SG324F greatly expands your network capacity, enabling instant large files transferring. So, power users in the home, office, workgroup, or creative production environment can now move large, bandwidth-intensive files faster. Transfer graphics, CGI, CAD, or multimedia files across the network instantly. You now have the choice to go green when upgrading to a gigabit network! This new product WI-SG324F features the latest innovative energy-efficient technologies that can greatly expand your network capacity with much less power. It automatically adjusts power consumption according to the link status and cable length to limit the carbon footprint of your network.

## Power down Idle Ports

When a computer or network equipment is off, the corresponding port of a traditional switch will continue to consume considerable amounts of power. The WI-SG324F can automatically detect the link status of each port and reduce the power consumption of ports that are idle.

## Power Budget According to Cable Length

Ideally, shorter cables would use less power because of less power degradation over their length; this is not the case with most devices as they will use the same amount of power across the cable regardless of whether it is 10 or 50 meters(32.8 or 164.0 feet) in length. The WI-SG324F 24-Port Gigabit rack-mount switch provides an easy way to make the transition to Gigabit Ethernet. All 24 ports support auto MDI/MDIX, no need to worry about the cable type, simply plug and play. Moreover, with the innovative energy-efficient technology, the WI-SG324F can save up to 40%\* of the power consumption, making it an eco-friendly solution for your business network.

## Specifications

HARDWARE FEATURES	
<b>Interface</b>	8 10/100/1000Mbps RJ45 Ports 16 SFP Fiber (Auto Negotiation/Auto MDI/MDIX)
<b>Network Media</b>	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m)

## HARDWARE FEATURES

	100BASE-TX/1000Base-T: UTP category 5, 5e, 6 or above cable (maximum 100m) 1000BASE-X: MMF, SMF 1000Base-L X:62.5µm/50µm MM(2m~550m) or 10µm SMF(2m~5000m)
<b>Fan Quantity</b>	Fanless
<b>Exchange Capacity</b>	48G
<b>Packet Forwarding Rate</b>	35.7Mpps
<b>Mac Address Table</b>	8K
<b>Packet Buffer Memory</b>	12Mb
<b>Jumbo Frame</b>	10240 Bytes
<b>Port VLAN</b>	No
<b>Dimensions</b>	Product Size: 440mm* 205mm*45mm (L*W*H)

## OTHERS

<b>Certification</b>	CE, FCC, RoHS
----------------------	---------------

OTHERS	
<b>Package Contents</b>	Gigabit Switch Electric Line Guide Book/Warranty Card
<b>Environment</b>	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