

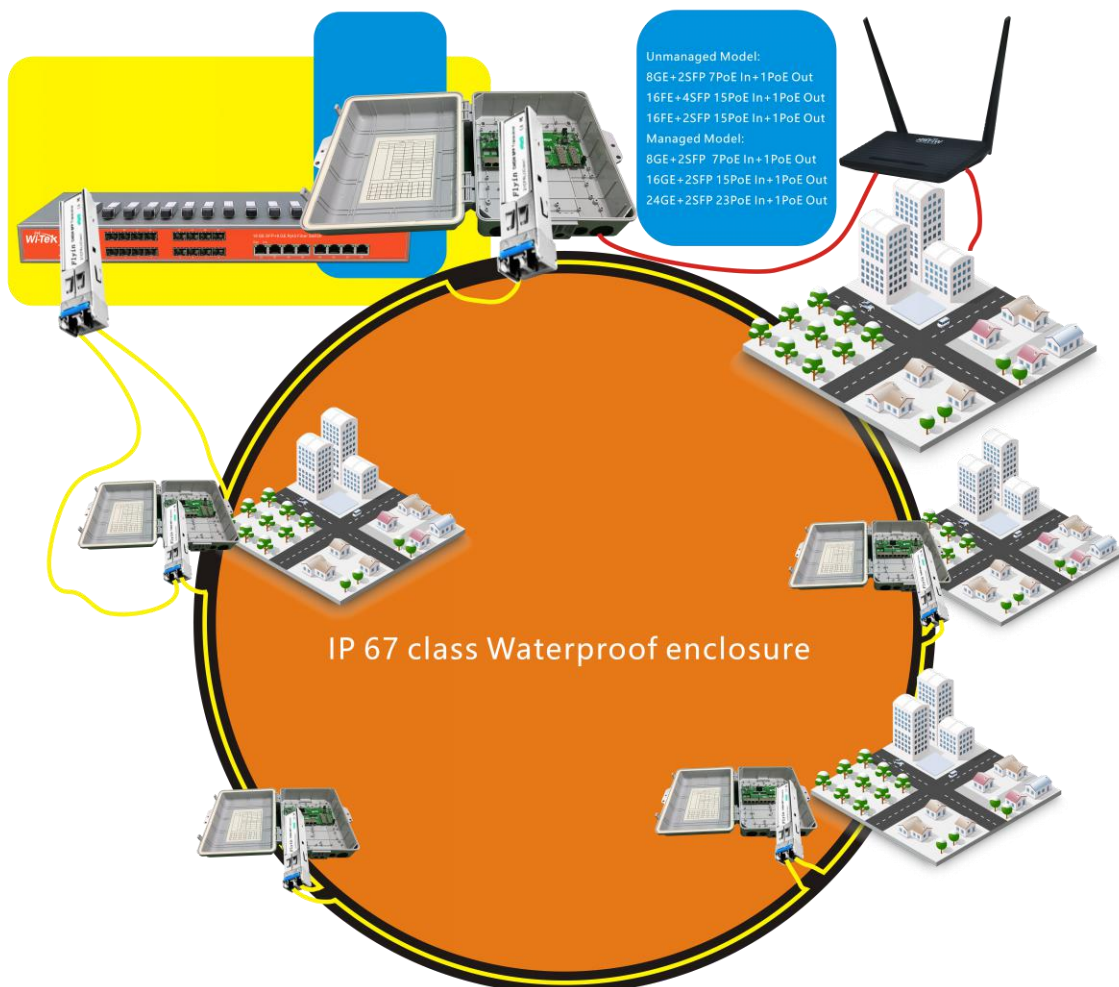


**WI-GS5024**  
**18SFP+8GE Ports**  
**L2 Managed Fiber Switch**  
**Data sheet**

## Highlights

- 18SFP+8GE Gigabit rack-mountable Fiber Ethernet Switch
- 26 Auto-Negotiation, Auto-MDI/MDIX Ethernet ports provide smart switching
- Standard 19-inch rack-mountable steel case
- Support QVLAN,QoS and IGMP snooping optimize voice and video application
- Up to 4K QVLANS simultaneously
- Link Aggregation Control Protocol (LACP)
- WEB/CLI managed modes, SNMP, RMON bring abundant management features

## Typical Applications



## Product



## Description

### What This Product Does

18SFP+8GE gigabit L2 managed switch WI-GS5024 provides 24 10/100/1000Mbps ports(include 18\*SFP fiber). The switch provides high performance, enterprise-level QoS, advanced security strategies and rich layer 2 management features. Moreover, the switch also comes equipped with 18 gigabit SFP slots, expanding your network flexibly. WI- GS5024 is the cost-effective network solution for the ideal small and medium business.

WI- GS5024 has robust security and management features. The IP-MAC-Port-VID Binding and Access Control List (ACL) functions protect against broadcast storms, ARP and Denial-of-Service(DoS) attacks, etc. Quality of Service (QoS, L2 to L4) provides enhanced traffic management capabilities to move your data smoother and faster. Anymore, the easy-to-use web management interfaces, along with CLI, SNMP, mean faster setup and configuration with less downtime. For workgroup and departments requiring cost-sensitive Layer 2 Switch and gigabit capability, Wi-Tek L2 managed

Switch WI-GS5024 provides you the ideal access-edge solution.

## **Secure Networking**

Wi-Tek this WI-GS5024 provides IP-MAC-Port-VID Binding, Port Security, Storm control and DHCP Snooping which protect against broadcast storms, ARP attacks, etc. It integrates some typical DoS attacks to select. You can protect these attacks more easily ever than before. In addition, the Access Control Lists (ACL, L2 to L4) feature restricts access to sensitive network resources by denying packets based on source and destination MAC address, IP address, TCP/UDP ports and even VLAN ID.

## **Advanced QoS features**

To integrate voice, data and video service on one network, the switch applies rich QoS policies. Administrator can designate the priority of the traffic based on a variety of means including IP or MAC address, TCP or UDP port number, etc, to ensure that voice and video are always clear, smooth and jitter free.

## **Abundant Layer 2 features**

For more application of layer 2 switches, WI- GS5024 supports a complete lineup of layer 2 features, including 802.1Q tag VLAN, Port Isolation, Port Mirroring, STP/RSTP, Link Aggregation Control Protocol and 802.3x Flow Control function. Any more, the switch provides advanced features for network maintenance. Such as Loop Back Detection, Cable Diagnostics and IGMP Snooping. IGMP snooping ensures the switch intelligently forward the multicast stream only to the appropriate subscribers while IGMP throttling & filtering restrict each subscriber on a port level to prevent unauthorized multicast access.

**Specifications**

## HARDWARE FEATURES

<b>Interface</b>	8 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX) 18 1000Mbps SFP Slots 1 Console Port
<b>Network Media</b>	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 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>	2 Fan
<b>Power Consumption</b>	30W
<b>Internal Power Supply</b>	AC 110~240V 50/60HZ
<b>Exchange Capacity</b>	52G
<b>Packet Forwarding Rate</b>	38.7Mpps
<b>Mac Address Table</b>	16K
<b>Packet Buffer Memory</b>	8Mb

HARDWARE FEATURES	
<b>Jumbo Frame</b>	10240 Bytes
<b>Dimensions</b>	Product Size: 440mm*205mm*45mm (L*W*H)

SOFTWARE FEATURES	
<b>Quality of Service</b>	Support 802.1p CoS/DSCP priority Support 4 priority queues Queue scheduling: SP, WRR, SP+WRR Port/Flow- based Rate Limiting
<b>L2 Features</b>	IGMP Snooping V1/V2/V3 802.3ad LACP (Up to 8 aggregation groups, containing 8 ports per group) Spanning Tree STP/RSTP/MSTP Port isolation BPDU filtering/guard TC/Root protect Loop back detection 802.3x Flow Control
<b>VLAN</b>	Supports up to 4K VLANs simultaneously (out of 4K VLAN IDs) Port/ MAC/Protocol-based VLAN Management VLAN configuration

## SOFTWARE FEATURES

### Access Control List

L2~L4 package filtering based on source and destination MAC address, IP address, TCP/UDP ports, 802.1p, DSCP, protocol and VLAN ID;  
Time Range Based

### Security

IP-MAC-Port-VID Binding  
IEEE 802.1X Port/MAC Based authentication, Radius, Guest VLAN  
DoS Defence  
Dynamic ARP inspection (DAI)  
SSH v1/v2  
SSL v2/v3/TLSv1  
Port Security  
Broadcast/Multicast/Unknown-unicast Storm Control

### Management

Web-based GUI and CLI management  
SNMP v1/v2c/v3, compatible with public MIBs  
DHCP/BOOTP Client, DHCP Snooping, DHCP Option82  
CPU Monitoring  
Port Mirroring  
Time Setting: SNTP  
Integrated NDP/NTDP feature  
Firmware Upgrade: TFTP & Web  
System Diagnose: VCT  
SYSLOG & Public MIBS

## OTHERS

<b>Certification</b>	CE, FCC, RoHS
<b>Package Contents</b>	POE 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