

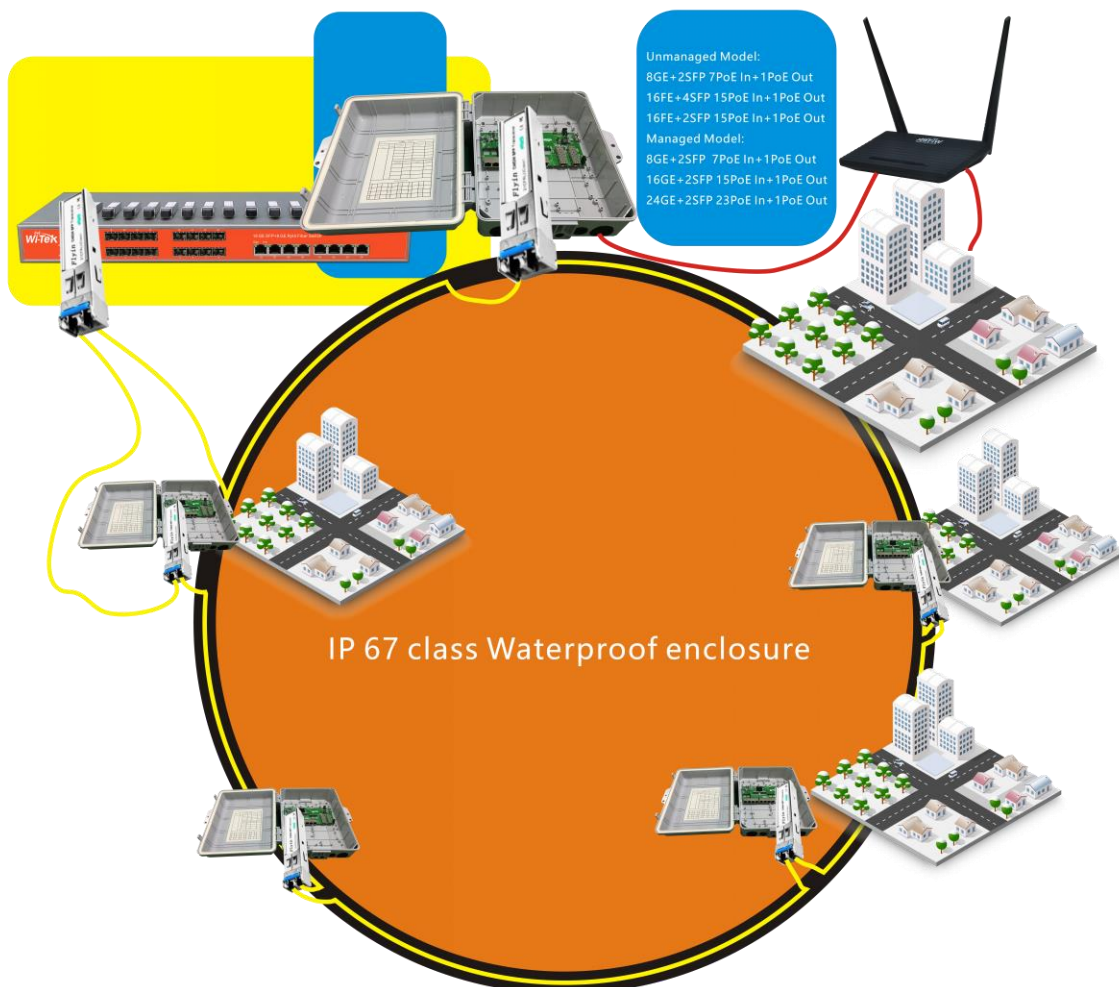


WI-GS5024
18SFP+8GE Ports
L2 Managed Fiber Switch
Data sheet

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

Interface	8 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX) 18 1000Mbps SFP Slots 1 Console Port
Network Media	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)
Fan Quantity	2 Fan
Power Consumption	30W
Internal Power Supply	AC 110~240V 50/60HZ
Exchange Capacity	52G
Packet Forwarding Rate	38.7Mpps
Mac Address Table	16K
Packet Buffer Memory	8Mb

HARDWARE FEATURES

Jumbo Frame	10240 Bytes
Dimensions	Product Size: 440mm*205mm*45mm (L*W*H)

SOFTWARE FEATURES

Quality of Service	Support 802.1p CoS/DSCP priority Support 4 priority queues Queue scheduling: SP, WRR, SP+WRR Port/Flow- based Rate Limiting
L2 Features	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
VLAN	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	
Certification	CE, FCC, RoHS
Package Contents	POE Switch Electric Line Rack-Mount Kit Foot Pad Guide Book/Warranty Card
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



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