

L2 Managed Fiber Ethernet Switch

WI-GS5024

Overview

WI-GS5024 Layer 2 managed fiber Ethernet switch, with 18 full Gigabit SFP slots, 8*10/100/1000Mbps RJ45 ports, using store-and-forward technology combined with dynamic Memory allocation ensures effective allocation of bandwidth to each port, integrated L2 and L2+ functions, such as 802.1Q VLAN, QoS, IGMP snooping and static routing, etc., providing cost-effective network solutions for small and medium-sized enterprises.

Features

Flexible VLAN Division

In the enterprise office network, in order to isolate cross-departmental network access and avoid PC infection For viruses that affect the entire network, different VLANs must be divided internally to isolate broadcast domains and improve network stability. Wi-Tek Cloud Switch provides a convenient and flexible VLAN division method, allowing you to assign ports to different VLANs as needed. Users in different VLANs do not affect each other, forming a more stable network for users.

Reliability

Support STP/RSTP/MSTP layer two protection technology to ensure the stability of the local area network; including backup connection to prevent the failure of the working line, automatically provide a backup path to ensure that the local network is online for a long time, and the network administrator can also effectively suppress IGMP Snooping technology broadcast storm

Easy Network Operation and Maintenance

Support daily network diagnosis functions and maintenance such as SNMP, RMON, Syslog, backup logs and configuration. At the same time, administrators can use various management and maintenance methods such as CLI (command line interface), Web network management, and TELNET to facilitate device maintenance and management. For the WEB network management method, we provide a friendly configuration interface. You can use the mouse in the graphical interface to easily implement functions such as VLAN division, address binding, and security protection.



Specifications

Model	WI-GS5024
Hardware Specifications	
Interface	8*10/100/1000Mbps RJ45 Ports 18*1000Mbps SFP Slots 1*Console Ports
Interface Port Standard	IEEE 802.3i:10BASE-T Ethernet IEEE 802.3u:100BASE-X Fast Ethernet IEEE 802.3ab:1000BASE-T Gigabit Ethernet IEEE 802.3z:1000BASE-X Gigabit Ethernet (Optical fiber) 1000BASE-X: MMF, SMF
Power Supply	AC 110~265V 50/60HZ MS Main Power, SL backup power
Standby Power Consumption	30W
Switching Capacity	48G
Packet Forwarding Rate	38.7Mpps
Jumbo Frame	9 KB
MAC Address Table	16k
Fan Quantity	2
Dimensions(W x D x H)	440mm* 200mm*45mm
Net weight/gross weight (kg)	2.25Kg/3.18Kg
Reset Button	Press and hold the reset button until all port indicators are on, indicating that the reset is successful.
LED indicator	SYS: Blinking: the system works; Off: the system is starting or has no power PWR: Off: No Power supply; On: The switch is powered on MS main power supply, SL backup power supply (Off: No Power supply; On: The switch is powered on) 1~28 ports: Link: Off: The network is not connected. On: A 10/100/1000M network device is connected. Blinking: Data is being transferred. 100M light: Only the Link light is on when connected to 100M equipment, and it will flash when there is data transmission 1000M light: Connect to 1000M equipment, the 1000M light is always on, and the Link light will flash when there is data
Protection Level	Lightning Protection 6KV ESD Contact Discharge 6KV
Transmission Method	Store— Forward
Installation	Rack- Mounted
Environment	Operating Temperature: 0~40°C Storage Temperature: -40~70°C Operating Humidity: 10~90% RH non-condensing Storage Humidity: 5~90% RH non-condensing
Certification	CE, FCC, RoHS UKCA
Software Features	
Spanning Tree	IEEE 802.1D -STP
	IEEE 802.1w -RSTP
	IEEE 802.1s -MSTP

Software Features	
Reliability	Port Loop Detection
	EAPS
	ERPS
	LLDP/LLDP-MED
	UDLD
VLAN	Max 4K VLAN Groups
	802.1q Tagged VLAN
	MAC-Based VLAN
	IP-Based VLAN
	QinQ
	802.1q-Based VLAN
	Voice VLAN
Port	LACP
	Jumbo Frame
	Port Shutdown
	Jumbo Frame
	Port Shutdown
	Link Aggregation (Up to 8 aggregation groups and up to 8 ports per group)
	Port Mirroring (One-to-One Many-to-One Tx/Rx/Both)
Security	IP-MAC-Port Binding
	Support Static and Dynamic ARP
	DHCP Snooping
	IEEE802.1x AAA
	RADIUS/TACACS+
	RADIUS
	Port Isolation
	Port Based Authentication
	Secure Command Line Interface (CLI) Management With SSHv1/SSHv2
	Broadcast/Multicast/Uni-cast Storm Control
	Port MAC Address Filtering
Access Control List	Standard IP-Based ACL
	Extended IP Based ACL
	MAC IP-Based ACL
	MAC ARP-Based ACL
	IPv6-Based ACL
	ACL Port Filtering
	Time-Based ACL

Software Features	
QOS	Port-Based (you can limit the upstream and downstream traffic of a single port)
	802.1p-based classification
	Support WRR, SP, WFQ
	ACL-Based classification
L2 Multicast	IGMP Snooping V1/V2/V3
	MLD Snooping
	MVR
IPv6	IPv4/IPv6 Dual Protocol Stack
	IPv6 Neighbor Discovery
	Supports manual address configuration, stateless address auto-configuration and address acquisition through DHCP IPv6 client
	IPv6 TFTP
	IPv6 SNMP
	ICMP IPv6
	IPv6 SNMP
	IPv6 Path MTU Discovery
	IPv6 SSH
Tracert6	
Management	CPU Monitoring
	Firmware Upgrade
	Configuration export/import
	Support SNMP Based IPv4 and IPv6
	DHCP/BOOTP Client

Package Content

Welcome to order our products. After purchasing, you will receive:

Items	Quantity
Switch	1 pcs
AC power cord	1 pcs
Warranty Card	1 pcs
Mounting Accessories	1 pcs



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Technical Support



Cloud Management



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