Wi-Tek
Communication Solution

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SNMP L2 Management Gigabit Ethernet Switch

WI-MS310GF | WI-MS318GF | WI-MS326GF

Overview

Wi-Tek SNMP management Gigabit Ethernet Switch Provide flexible and high-cost performance full-gigabit access and uplink ports, support complete security protection mechanism, perfect ACL/QoS policies and flexible VLAN functions, easy to manage and maintain, and meet users' needs for network equipment that is easy to manage, high security, low cost Cost networking requirements, is the preferred networking equipment for small and medium-sized enterprises

Features

Flexible VLAN Division

In the enterprise office network, in order to isolate network access between different departments to avoid PCs infected by virus affecting the entire network, it is necessary to divide the interior into different VLANs to isolate the broadcast domain and improve the stability of the network. Wi-Tek Cloud Switch provides a convenient and flexible way to divide VLANs, allowing you to assign the ports to different VLANs as needed. Users in different VLANs do not affect each other, creating a more stable network for the users.

Advanced QoS features

To integrate voice, data and video service on one 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 jitters free. In conjunction with the Voice VLAN the switch supporting, the voice applications will operate with much smoother performance.

Reliable protection

Support STP / RSTP / MSTP Spanning Tree Protocol to eliminate layer 2 loops and implement link backup.
Support port aggregation to effectively increase link bandwidth, achieve load balancing, link backup and enhance link reliability.

Enterprise Level Management Features

Easy to use and manage. It supports various user-friendly standard management features, such as intuitive web-based Graphical User Interface (GUI), industry-standard Command Line Interface (CLI), SNMP (v1/v2c/v3), and RMON. This allows the switch to provide valuable status information and send reports on abnormal events.
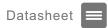
Specifications

Products	WI-MS310GF	WI-MS318GF	WI-MS326GF
Hardware Version			
Interface	8x10/100/1000Mbps RJ45 Ports 2x1000Mbps SFP Slots 1xConsole Port	16x10/100/1000Mbps 2x1000Mbps SFP Slots, 1 Console Port	24x10/100/1000Mbps 2x1000Mbps SFP Slots, 1 Console Port
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)		
Power Supply	AC 110~240V 50/60HZ	AC 110~240V 50/60HZ	AC 110~240V 50/60HZ
Switching Capacity	20G	36G	52G
Packet Forwarding Rate	14.9Mpps	26.8Mpps	38.7Mpps
Jumbo Frame	9 KB		
MAC Address Table	8K		16K
Dimensions(W x D x H)	225mm*105mm*32mm	440mm*290mm*45mm	440mm*290mm*45mm
Fan Quantity	Fanless		
Protection Level	Lightning Protection 6KV ESD Contact Discharge 6KV	Lightning Protection 6KV ESD Contact Discharge 6KV	Lightning Protection 6KV ESD Contact Discharge 6KV
Transmission Mode	Store—Forward	Store—Forward	Store—Forward
Installation	Desktop	Rack-Mounted	Rack-Mounted
Software Features			
Spanning Tree	IEEE 802.1D -STP		
	IEEE 802.1w -RSTP		
	IEEE 802.1s -MSTP		
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		
	Protocol-Based VLAN		
	QinQ		
	802.1q-Based VLAN		
	Voice VLAN		
Port	LACP		
	Jumbo Frame		
	Port Shutdown		

Software Features		
Port	LACP	
	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	
QOS	Port-Based (uplink and downlink traffic of a single port can be restricted)	
	802.1p-Based Classification	
	Support WRR, SP, WFQ	
	DISC-Based Classification	
	CAL-Based Classification	
L2 Multicast	IGMP Snooping V1/V2/V3	
	MLD Snooping	
	MVR	

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Software Features	
IPv6	IPv4/IPv6 Dual Protocol Stack
	IPv6 Neighbor Discovery
	Support manual address configuration, stateless address auto-configuration and tasteful address configuration obtained through DHCPv6 client
	IPv6 TFTP
	IPv6 SNMP
	ICMPv6
	IPv6 Path MTU Discovery
	IPv6 SSH
	Tracert6
Management	Web-Based GUI
	Command Line Interface (CLI) through console port, telnet and SSH
	SNMPv1/v2c/v3 Trap/Inform RMON (1, 2, 3, 9) groups
	Password Recovery
	SNTP
	System Log
	Traceroute
	Ping
Management	CPU Monitoring
	Firmware Upgrade
	Configuration Export/Import
	Support SNTP Based IPv4 and IPv6
	DHCP/BOOTP Client
Certification	CE, FCC, RoHS
Package Contents	Gigabit Switch Electric Line Guide Book/Warranty Card
Environment	Operating Temperature: 0–40 ℃ Storage Temperature: -40–70 ℃ Operating Humidity: 10–90% RH non-condensing Storage Humidity: 5–90% RH non-condensing

CE FC RoHS

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