WI-MS318GF
16GE+2SFP Ports L2 Managed Switch
# Datasheet

Highlights

- 16GE+2SFP Full Gigabit Switch

- Surveillance QVLAN support to easily segment IP Camera security traffic

- Management via Web-Based GUI

- Up to 4K QVLANs simultaneously

- Support for Quality of Service to prioritize time sensitive traffic

- Support IGMP Snooping, Link Aggregation, Port Mirroring and Loop Prevention

Product

Typical Applications
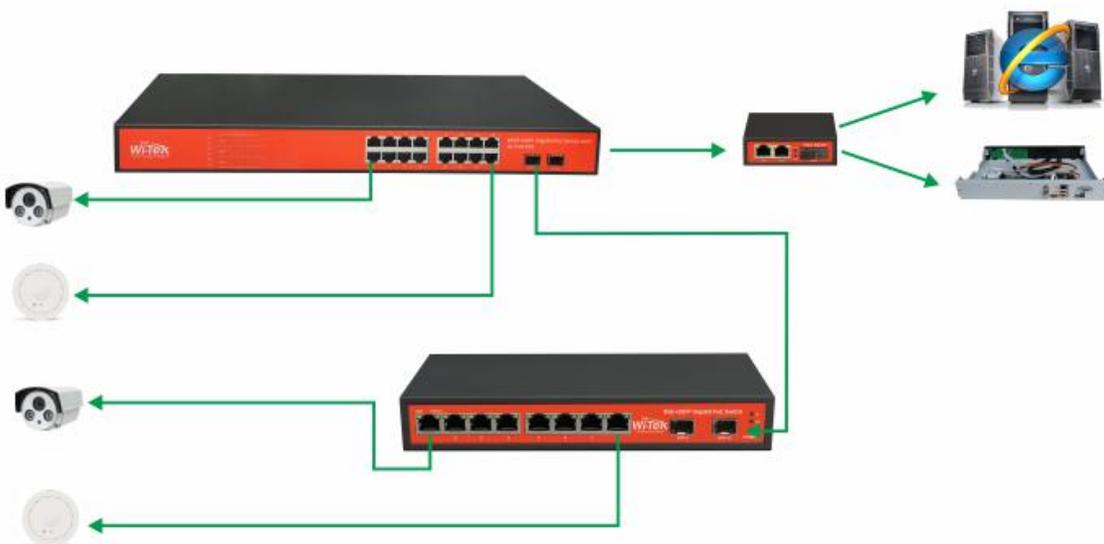
What This Product Does

16 gigabit L2 managed switch WI-MS318GF provides 16 10/100/1000Mbps ports. The switch provides high performance, enterprise-level QoS, advanced security strategies and rich layer 2 management features. Moreover, the switch also comes equipped with 2 gigabit SFP slots, expanding your network flexibly. WI-MS318GF is the cost-effective network solution for the ideal small and medium business.

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.

Specifications

HARDWARE FEATURES	
Interface	16 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX) 2 1000Mbps SFP Slots 1 Console Port
Network Media	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)
Fan Quantity	Fanless
Exchange Capacity	36G
Packet Forwarding Rate	26.8Mpps
Mac Address Table	8K
Packet Buffer Memory	4Mb
Jumbo Frame	10240 Bytes
Dimensions	Product Size：440mm*290mm*45mm （L*W*H）

SOFTWARE FEATURES

Quality of Service	Support 802.1p CoS/DSCP priority Support 4 priority queues

SOFTWARE FEATURES

	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 Port isolation
VLAN	Supports up to 4K VLANs simultaneously (out of 4K VLAN IDs) Port/ MAC/Protocol-based VLAN Management VLAN configuration
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	SSH v1/v2 Port Security Broadcast/Multicast/Unknown-unicast Storm Control
Management	Web-based GUI and CLI management CPU Monitoring Port Mirroring Time Setting: SNTP Integrated NDP/NTDP feature

SOFTWARE FEATURES	
	Firmware Upgrade: TFTP & Web

OTHERS	
Certification	CE, FCC, RoHS
Package Contents	Gigabit Switch Electric Line Guide Book/Warranty Card
Environment	Working Temperature： -10℃～55℃ Storage temperature ： -40℃～70℃ Working Humidity ： 10%～90% RH non-condensing Storage Humidity： 5%～90% RH non-condensing