



WI-PMS328GF
24GE+4Combo Ports
48V L2 Managed PoE Switch
with 24-Port PoE
Data sheet

Highlights

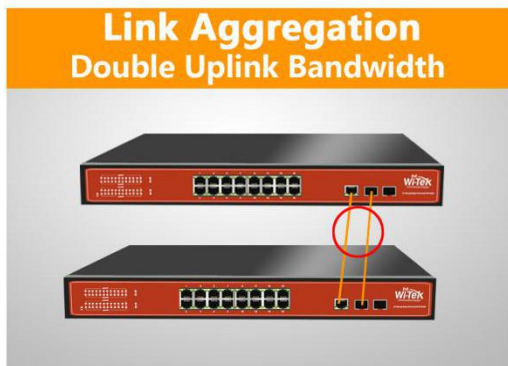
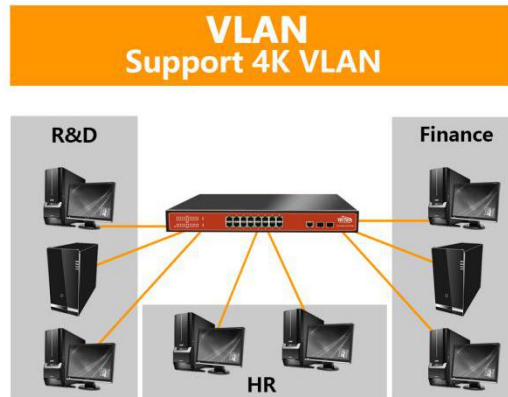
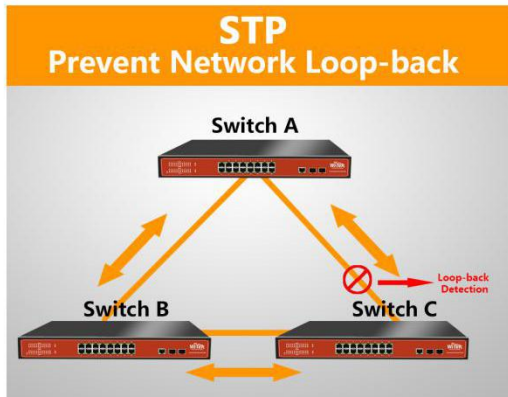
- 24GE+4Combo Full Gigabit Switch with 24 PoE ports
- Internal power adapter supply 400W output power
- L2/L3/L4 QoS and IGMP snooping optimize voice and video application
- Support STP/RSTP
- Up to 4K QVLANS simultaneously
- Link Aggregation Control Protocol (LACP)
- WEB/CLI managed modes, SNMP, bring abundant management features

Product



Typical Applications





Description

What This Product Does

24 gigabit L2 managed switch WI-PMS328GF provides 24 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 4 Gigabit Ethernet/SFP slots, expanding your network flexibly. WI-PMS328GF is the cost-effective network solution for the ideal small and medium business.

WI-PMS328GF 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-PMS328GF provides you the ideal access-edge solution.

Secure Networking

Wi-Tek this WI-PMS328GF 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-PMS328GF 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	24 10/100/1000Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX) 4 1000Mbps Gigabit Ethernet/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	Fan
Power Consumption	400W (max. with PoE device connected)
Internal Power Supply	AC 110~240V 50/60HZ
PoE Ports (RJ45)	Standard: 802.3 af/at compliant

HARDWARE FEATURES

	PoE Ports: Port1- Port24 Power Supply: 400W
Exchange Capacity	56G
Packet Forwarding Rate	41.7Mpps
Mac Address Table	16K
Packet Buffer Memory	12Mb
Jumbo Frame	10240 Bytes
Dimensions	Product Size: 440mm* 220mm*44mm (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

SOFTWARE FEATURES	
	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Supports up to 4K VLANs simultaneously (out of 4K VLAN IDs) Port/ MAC/Protocol-based VLAN Management VLAN configuration
Access Control List	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Web-based GUI and CLI

SOFTWARE FEATURES

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
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