

Hardened PoE Switch

WI-PS206GF-I WI-PS208-I WI-PS206-I WI-PS212GF-I

Overview

Wi-Tek's hardened PoE switch is designed to provide network transport solution for CCTV market. PoE watchdog smart function, can monitor and recover the operation of IP camera persistently and automatically. 250 meters extend mode design, makes it an ideal choice for long distance PoE transmission application. It support flexible and multiple installation method, such as wall mounting and DIN-Rail mounting method. Redundant power supply design, guarantee its stable and reliable operation.

Features

-30°C~65°C operating temperature

-30°C~65°C operating temperature design, guarantee its stable and reliable operation even in harsh environment.

Din-rail mounting design

Din-rail mounting design, can perfectly meet the requirements of standard project assembly.

Smart PoE watchdog function

Smart PoE watchdog function, can monitor and recover the operation of compliant IP camera persistently and automatically.

Support 60W high power PoE

60W high PoE power can meet more requirement of PoE powered devices, such as speed dome, PTZ dome, etc.



Specifications

Products	WI-PS206GF-I	WI-PS206GF-I	WI-PS208-I	WI-PS206-I	WI-PS210GF-I	WI-PS212GF-I
Hardware Version	V2	V1	V1	V2	V2	V1
Ethernet Ports						
Downlink Ports	4*10/100 Base-T PoE RJ-45(Auto-MDI/MDI-X)		8*10/100 Base-T PoE RJ-45 (Auto-MDI/MDI-X)	4*10/100 Base-T PoE RJ-45 (Auto-MDI/MDI-X)	8*10/100 Base-T PoE RJ-45 (Auto-MDI/MDI-X)	
Uplink Ports	1*1000 Base-X SFP 1*10/100/1000 Base-T RJ-45(Auto-MDI/MDI-X)		N/A	2*10/100 Base-T RJ-45(Auto-MDI/MDI-X)	1*1000 Base-X SFP 1*10/100/1000 Base-T RJ-45(Auto-MDI/MDI-X)	2*1000 Base-X SFP 2*10/100/1000 Base-T RJ-45(Auto-MDI/MDI-X)
PoE						
PoE Standard	Ports 1 : 802.3 af/at/bt 60W Ports 2-4: 802.3 af/at PoE	Ports 1-4: 802.3 af/at PoE	Ports 1-2 : 802.3 af/at/bt 90W Ports 3-8: 802.3 af/at PoE	Ports 1 : 802.3 af/at/bt 90W Ports 2-4: 802.3 af/at PoE	Ports 1-2 : 802.3 af/at/bt 60W Ports 3-8: 802.3 af/at PoE	Ports 1-8: 802.3 af/at PoE
PoE Power Supply Type	End-span					
PoE Budget	180W	120W	360W	180W	300W	240W
Switch Property						
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.1Q, IEEE 802.1p, IEEE 802.3ad, IEEE 802.1D, IEEE 802.1x					
Forwarding Modes	Store and forward					
Packet Buffer	3.57M					
MAC Table	2K					
Switching Capacity	4.8Gbps / non-blocking		1.6Gbps / non-blocking	1.2Gbps / non-blocking	5.6Gbps / non-blocking	
Packet Forwarding Rate	3.57Mpps		1.19Mpps	0.89Mpps	17.86Mpps	
Jumbo Frame	10kB					
Power Supply						
Input Voltage	Power 1 (Main): 48~55V DC, Power 2 (Backup): 48~55V DC,Power 3(DC Jack): 48~55V DC					
Reliability						
Surge Immunity	8kV, Standard: IEC6000-4-5					
ESD Protection	8kV Contact Discharge, 15kV Air Discharge, Standard: IEC61000-4-2					
MTBF	about 30Wh					
MTBF Standards	Telcordia SR-332, 25℃					
Operating Temperature	-30℃~65℃	-30℃~65℃	-30℃~65℃	-30℃~65℃	-30℃~65℃	-30℃~65℃
Storage Temperature	-40℃~85℃					
Operating Humidity	5%~95% (Non-condensation)					
Physical Parameter						
Dip Switch	VLAN/Extend/PWD/FWD	250m PoE/VLAN	VLAN/Extend/PWD/FWD	VLAN/Extend/PWD/FWD	VLAN/Extend/PWD/FWD	250m PoE/VLAN
Dimensions (W*D*H)	167*125*42mm		119*87*28mm	119*87*28mm	167*125*42mm	
Net Weight	1.1kg		1kg	0.5kg	1.5kg	
Installation	DIN-rail/wall mounted					
Certifications						
Certifications	CE, FCC					

Software Features	
Industrial Switch Monitoring	Temperature sensor, alarm input and output
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
	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

Software Features	
QOS	Support WRR, SP, WFQ
	DISC-Based Classification
	CAL-Based Classification
L2 Multicast	IGMP Snooping V1/V2/V3
	MLD Snooping
	MVR
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
	CPU Monitoring
	Firmware Upgrade
	Configuration Export/Import
	Support SNTP Based IPv4 and IPv6
	DHCP/BOOTP Client
Other	
Package Contents	PoE Switch Guide Book/Warranty Card



Wireless-Tek Technology Limited

Address: Room 402 4F, BiaoFan Technology Building, Bao'An Avenue, FuYong Town, Bao'An district, ShenZhen

Website: www.wireless-tek.com

Tel: 86-0755-32811290

Email: sales@wireless-tek.com

Technical Support: tech@wireless-tek.com



Technical Support



Cloud Management



Company Website