Wi-Tek
Communication Solution

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℃~65℃ operating temperature

-30℃~65℃ 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 90W high power PoE

802.3bt 90W high PoE power can meet more requirement of PoE powered devices, such as speed dome, PTZ dome, etc.

Specifications

Products	WI-PS206GF-I	WI-PS208-I	WI-PS206-I	WI-PS212GF-I
Hardware Version	V1	V1	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)	2*1000 Base-X SFP 2*10/100/1000 Base-T RJ-45(Auto-MDI/MDI-X)
PoE				
PoE Standard	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 1-8: 802.3 af/at PoE
PoE Power Supply Type	End-span	Mid-span and End-span	Mid-span and End-span	End-span
PoE Budget	120W	360W	180W	240W
Switch Property				
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x			
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	9.6Gbps / non-blocking
Packet Forwarding Rate	3.57Mpps	1.19Mpps	0.89Mpps	7.14Mpps
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 Non-PoE: 12~39V DC			
Reliability				
Surge Immunity	6kV, 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℃			
Storage Temperature	-40℃~85℃			
Operating Humidity	5%~95% (Non-condensation)			
Physical Parameter				
Dip Switch	250m/VLAN/Watchdog/Priority	Watchdog/EX_1-4/EX_1-6/VLAN	Watchdog/EX_1-2/VLAN/EX_1-4	250m/VLAN/Watchdog/Priority
Dimensions (W*D*H)	155*113*47mm	119*87*28mm	119*87*28mm	173*135*54mm
Net Weight	0.5kg	0.5kg	0.5kg	0.75kg
Installation	DIN-rail/wall mounted			
Certifications				
Certifications	CE, FCC			

CE FC RoHS

Wireless-Tek Technology Limited

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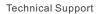Avenue, FuYong Town, Bao'An district, ShenZhen

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