

How to Enable Ping Watchdog of Wi-Tek PoE Switch?



Background

PoE power supply is very popular and common in security construction, but users often encounter problems such as the powered devices like IP-camera or wireless access point are stuck and stop working because of the long-period operation. How to solve this kind of difficulty with Wi-Tek PoE switch?

Wi-Tek L2 managed PoE switch has advanced security strategies and rich layer 2 management features, it also has a intelligent power management function for better management of PDs. This article will guide you on how to configure the PoE power control of Wi-Tek L2 managed PoE switch.

Step 1. Please connect RJ 45 port of PC to one of the PoE port of switch.



Step 2. On PC, please launch a browser, such as Google Chrome, Firefox, type 192.168.0.1 into address bar, press enter, Wi-Tek management page will pop up.

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WI-Tex	Link up Link dn Disable	<u>p</u> o o o	ộ ộ ộ ộ	0 00 00 10					
			Authentication () User Name: Password:	n Required http://192.168.0.1 is requesting your username and password. The site says: Tetworks' admin ••••• OK Cancel	×		5	τų En	glish

The default username/password is admin/admin, after type in login account, press **[OK]**, you will get in Wi-Tek management page.

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		中文 English
WI-PMS310GF System Configuration Configuration MAC Filter VLAN Configuration ACL Configuration ACL Configuration ACL Configuration AAC Configuration AAA Configuration AAA Configuration Configuration AAA Configuration AAAA	System Description System Object ID System Version Num Network Interfaces System start time System Name System Location	System Configuration WI-PMS310GF 3.3.3 13.6.1.4.1228.4.1 WI-PMS310GF 3.3.3 11 D/Days 3-Hours 46-Minutes 4-Seconds 11 D/Days 3-Hours 46-Minutes 4-Seconds 3
GMAP Configuration GMAP Configuration RMON Configuration RMON Configuration GUster Management Dep Power Control Copyright (C) 2016 Wireless-Tek Technology Limited. All right reserved.	System Contact	Refresh Apply Help

Step 3. On the left column, please go to **[PoE Power Control]-[PoE Query Configuration].**

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						中文 English				
WI-PMS310GF System Configuration Configuration	<u> </u>			PD Query Configuration						
MAC Binding MAC Either	POE Port		ge1/1 ~							
VLAN Configuration	/ AN Configuration PD IP Address									
SNMP Configuration	PD Query Interval		5	(2~30 Sec)						
ACL Configuration	PD Timeout Num	ber	5	(2~10)						
QOS Configuration	PD Root Time		120	(20-500 Sec)						
IP Basic Configuration	PD Doot mile		120	(50-000 (360)						
AAA Configuration	Refresh Apply									
IGMP SNOOPING Configuration	POE Port	DD ID Address	PD Query Interval (Sec)	PD Timeout Number	DD Root Time (Sec)	DD Paboot Times				
B GMRP Configuration	ge1/1	192 168 0 161	5	5	120	87				
EAPS Configuration	ge1/2	N/A	5	3	120	0				
P RMON Configuration	ge1/3	N/A	5	3	120	0				
🖲 🗀 Cluster Management	ge1/4	N/A	5	3	120	0				
🕀 🗀 Log Management	ge1/5	N/A	5	3	120	0				
POE Power Control	ge1/6	N/A	5	3	120	0				
POE Power Control	ge1/7	N/A	5	3	120	0				
POE Policy Configuration	ge1/8	N/A	5	3	120	0				
PD Query Configuration										

PoE Port: Select the port you need to monitor, if the PD which is connected to this port and powered by its PoE power is stuck and stop working, PoE switch will reboot this PD automatically.

PD IP Address: Type in the IP address of the PDs which is connected to this port and powered by its PoE power.

PD Query Interval: The interval of checking time, you can fill in 2~30 Sec.

PD Timeout Number: The switch will send packet to PD, if the PD no response after a certain number, switch will restart PD, generally, it is recommended 2~10.

PD Boot Time: Type in the boot time requirement of the PD, so the switch can give it a adequate booting time and do not restart it again during the booting time.

After you fill in all the parameters, please click on **[Apply]**, then you will set up successfully.

If you want to configure PDs on different PoE port are restart scheduled, please go to [PoE Power Control]-[PoE Policy Configuration].

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Commonication Solution								中文	English
WI-PMS310GF	POE Policy Configuration								
MAC Binding	POE Port	get	/1 ~						
VLAN Configuration	Policy Status	dis	able ~						
SNMP Configuration	-								
ACL Configuration				Refresh	Apply				
QOS Configuration	Clock (All)	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
P Basic Configuration	00 🗆								
AAA Configuration	01								-
IGMP SNOOPING Configuration	02 🗆								
GMRP Configuration	03 🗆								
EAPS Configuration	04 🗆								
RMON Configuration	05 🗆								
Cluster Management	06 🗆								
Log Management	07 🗆								
POE Power Control	08 🗆								
POE Policy Configuration	09 🗆								
PD Query Configuration	10 🗆								

PoE Port: Select the port need to be restart scheduled.

Policy Status: Enable the policy, the configuration will be active.

After fill in the parameters, click on [Apply].

