

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

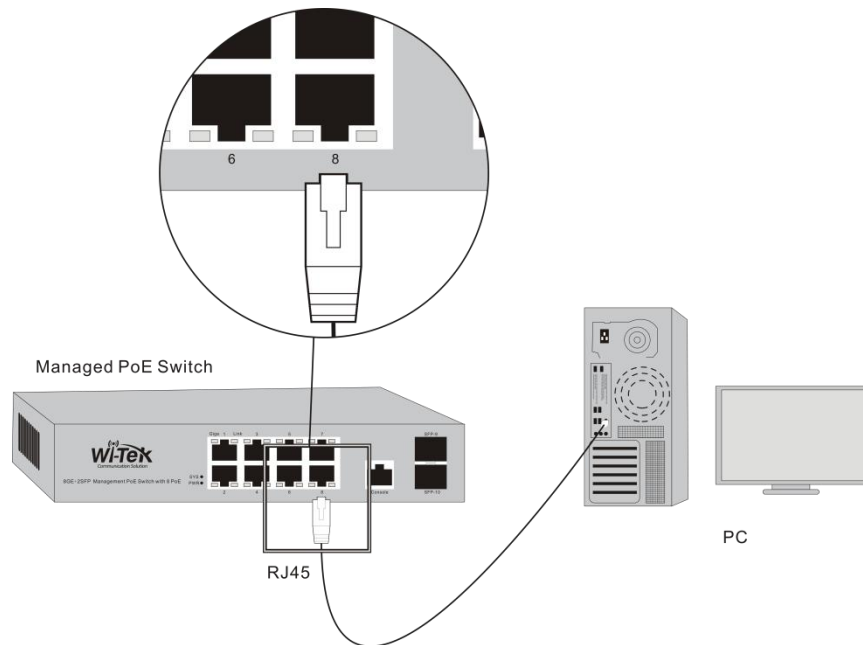


## Background

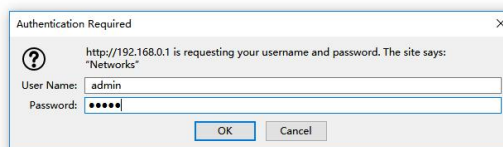
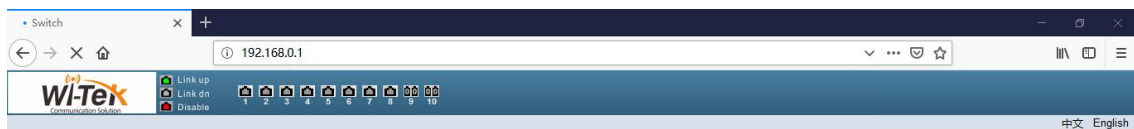
PoE power supply is very popular and common in security construction, but users often encounter problems such as the powered devices like IP-camera or wireless access point are stuck and stop working because of the long-period operation. How to solve this kind of difficulty with Wi-Tek PoE switch?

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.

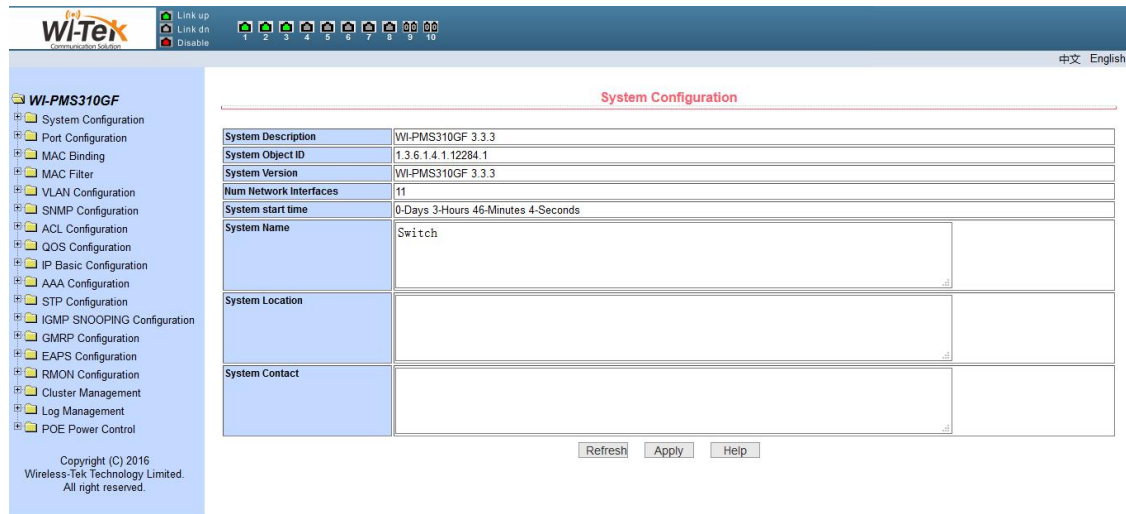
Step 1. Please connect RJ 45 port of PC to one of the PoE port of switch.



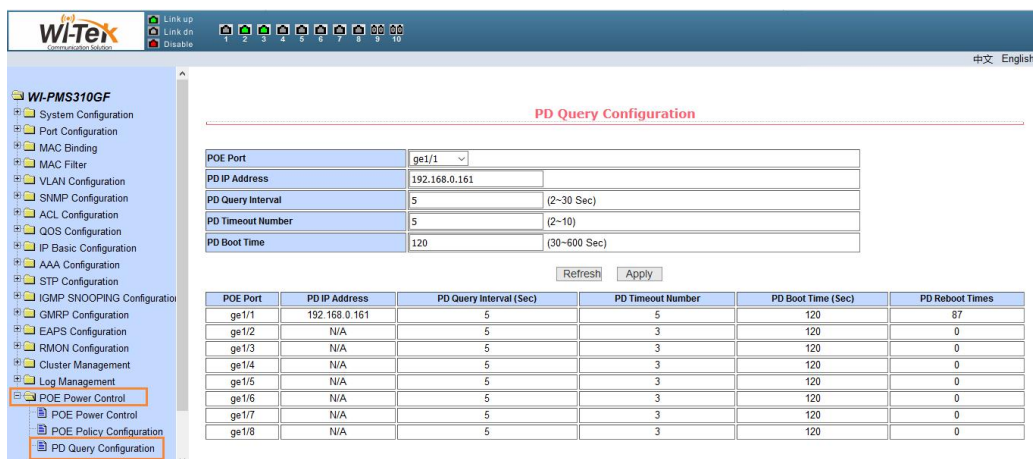
Step 2. On PC, please launch a browser, such as Google Chrome, Firefox, type 192.168.0.1 into address bar, press enter, Wi-Tek management page will pop up.



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



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

The screenshot shows the 'POE Policy Configuration' page in the Wi-Tek web interface. The sidebar on the left lists various configuration categories, with 'POE Policy Configuration' selected. The main area contains two input fields: 'POE Port' with a dropdown menu showing 'ge1/1' and 'Policy Status' with a dropdown menu showing 'disable'. Below these fields are 'Refresh' and 'Apply' buttons. A table below allows scheduling restarts by day and time.

Clock ( <input type="checkbox"/> All)	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
00 <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
01 <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
02 <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
03 <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
04 <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
05 <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
06 <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
07 <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
08 <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
09 <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10 <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

**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]**.