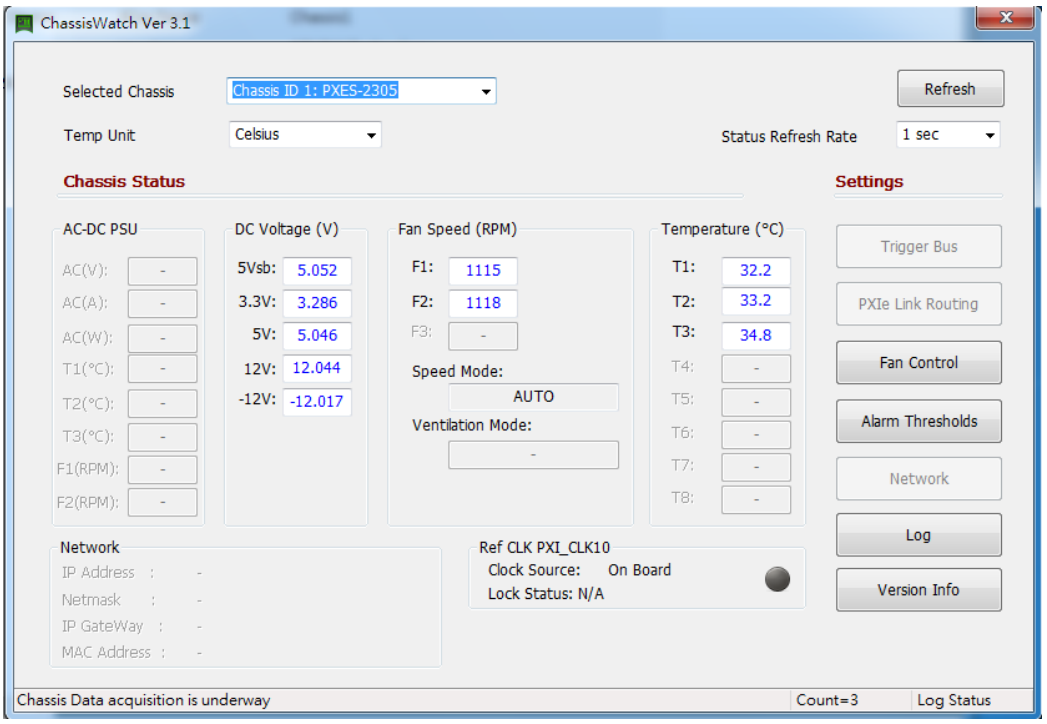
ADLINK Technical Document

Abstract	How to Configure PXI Express Chassis by ACE		
OS	Windows		
Keyword	MAPS Core		
Related Products	PXES-2785, PXES-2301, PXES-2780, PXES-2590, PXES-2314T		
Date	2021-12-01	No.	202110001

- Issue Details:

  This document details how to configure the parameters for PXI Express Chassis by ACE for different applications.



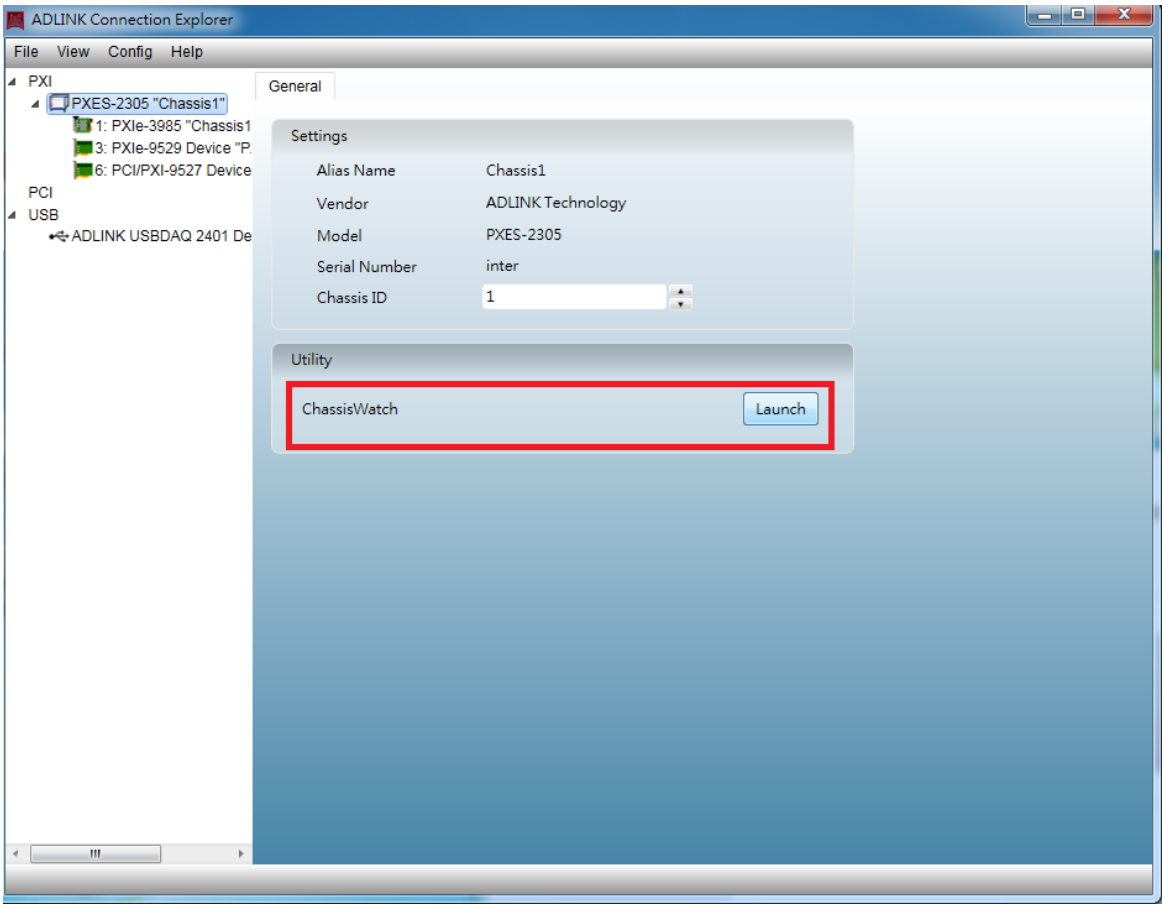
- Prerequisites:

  Install the latest MAPS Core before proceeding.

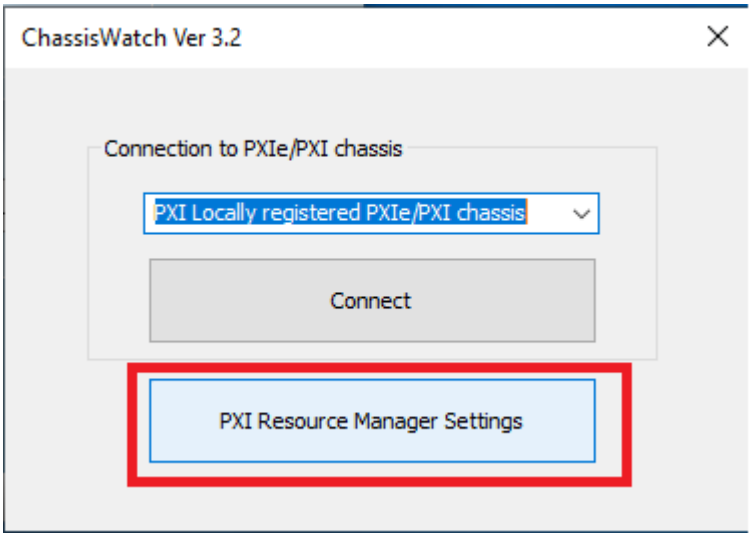
- Solution:

Step 1: Setup Connection

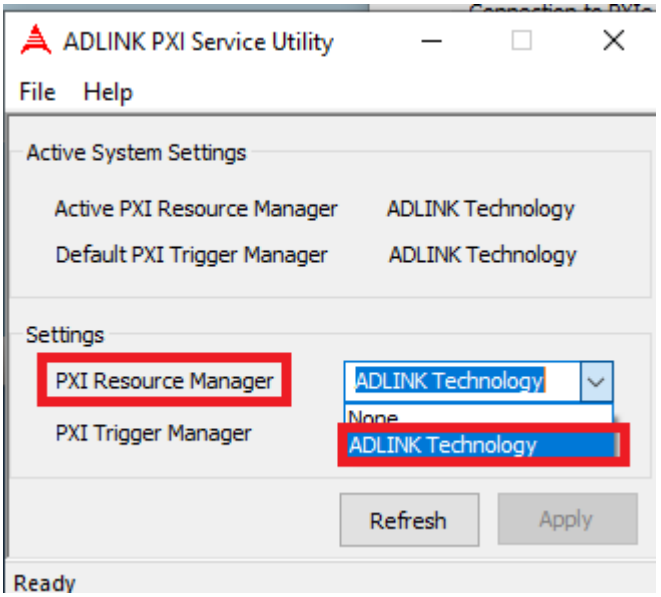
a. Launch the ACE and click on the PXES chassis tree list and then click the **Chassis Watch** utility.

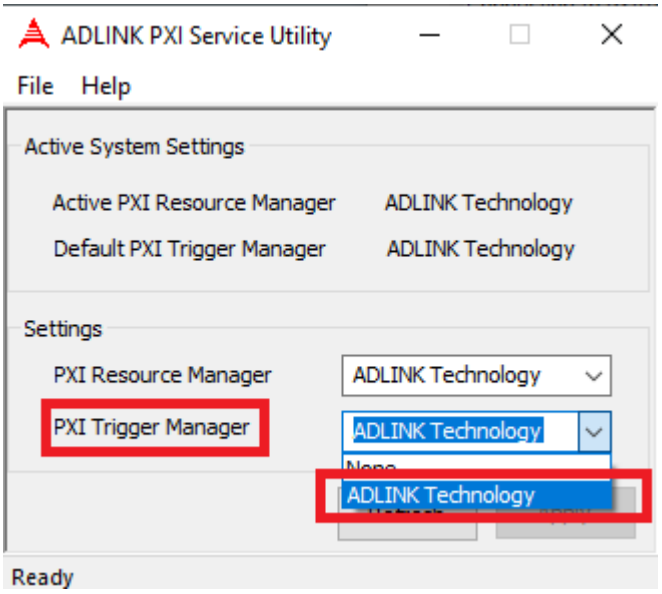


b. Click the **PXI Resource Manager Settings** button.



c. For PXI Resource Manager and PXI Trigger Manager, select **ADLINK Technology**, then click **Apply**.




ADLINK PXI Service Utility
File
Help
Active System Settings
Active PXI Resource Manager
ADLINK Technology
Default PXI Trigger Manager
ADLINK Technology
Settings
PXI Resource Manager
ADLINK Technology
PXI Trigger Manager
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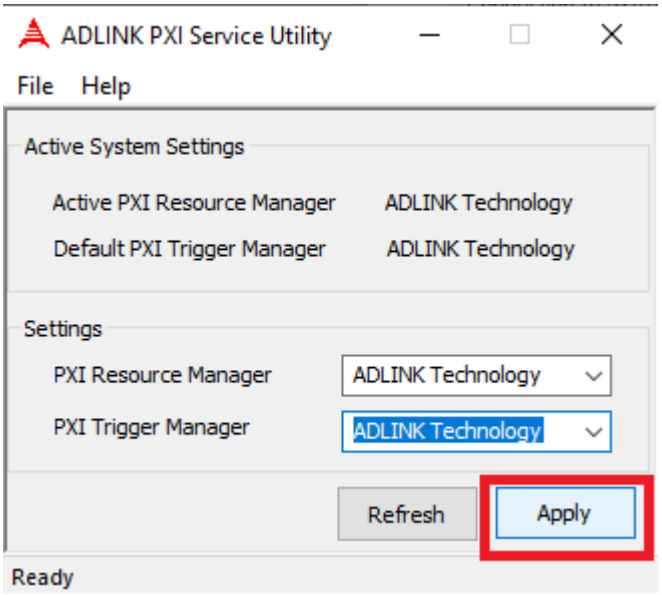
Ready


ADLINK PXI Service Utility
File
Help
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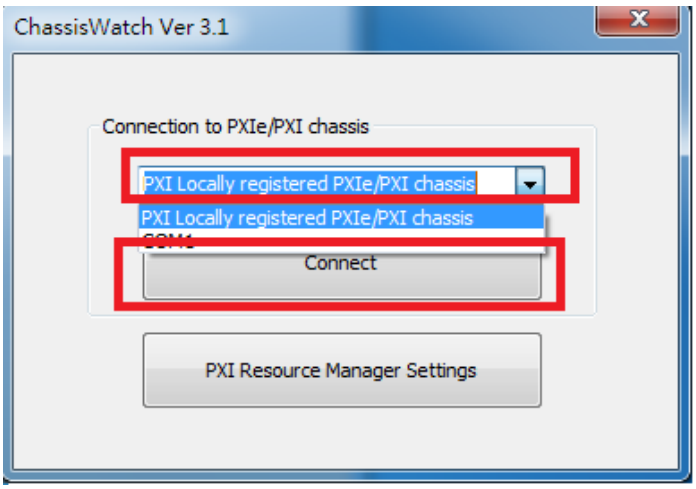
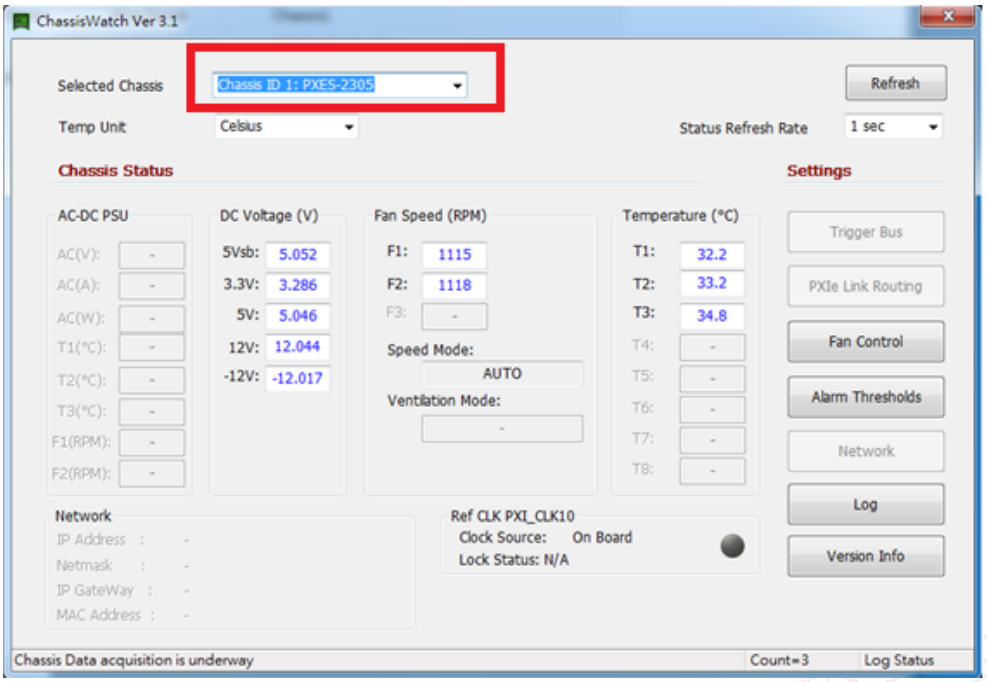
Active PXI Resource Manager
ADLINK Technology
Default PXI Trigger Manager
ADLINK Technology
Settings
PXI Resource Manager
ADLINK Technology
PXI Trigger Manager
ADLINK Technology
Refresh
Apply
Ready

d. Select **PXI Locally registered PXIe/PXI chassis**, then click **Connect** to launch the configuration interface of the Chassis Watch utility.

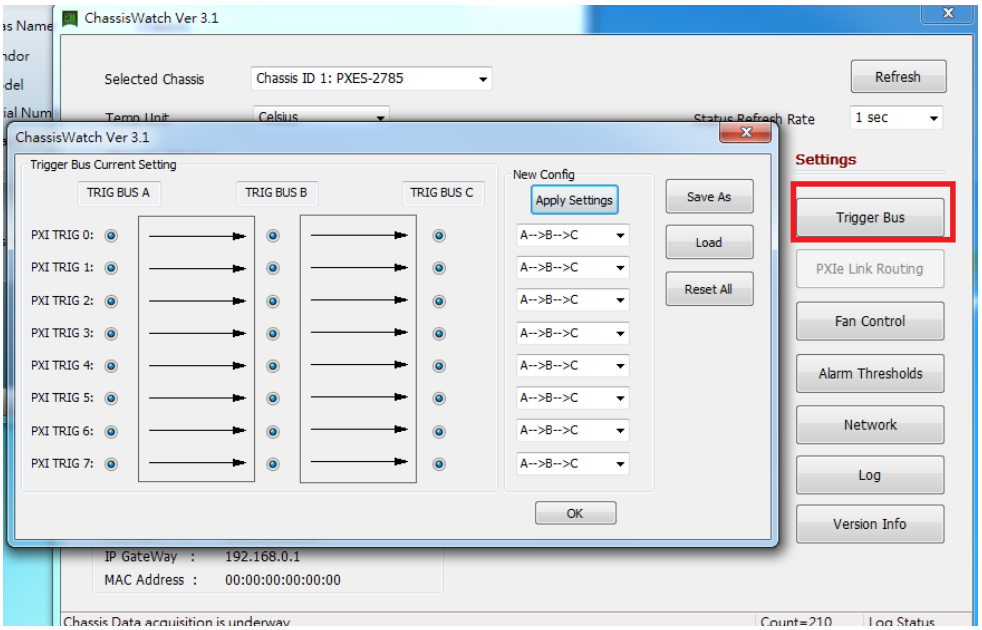


Step 2: Configure Settings

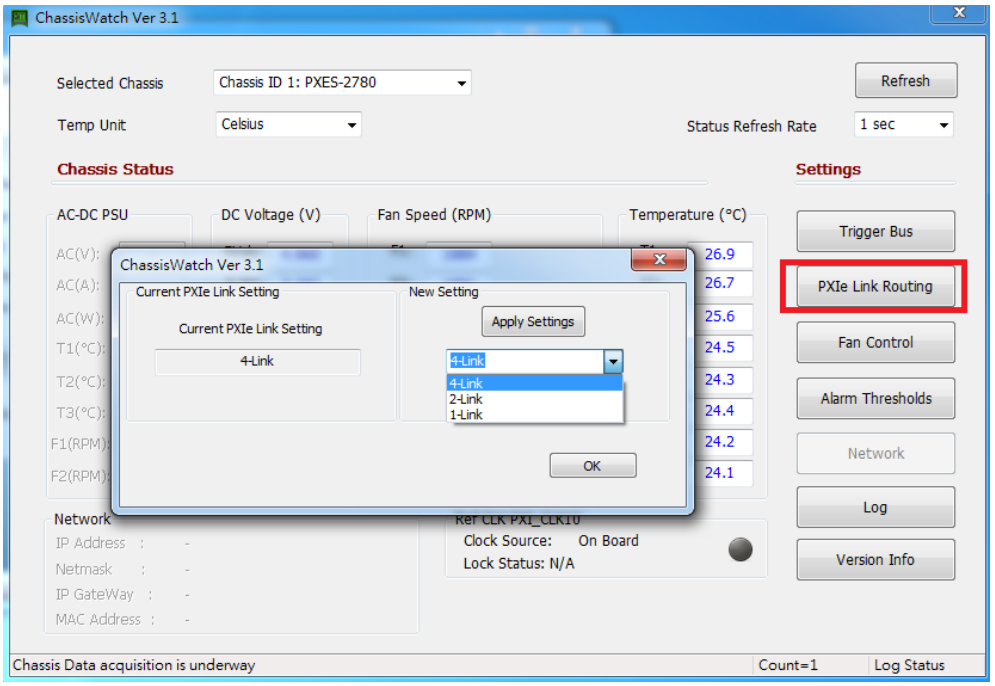
a. Select the chassis



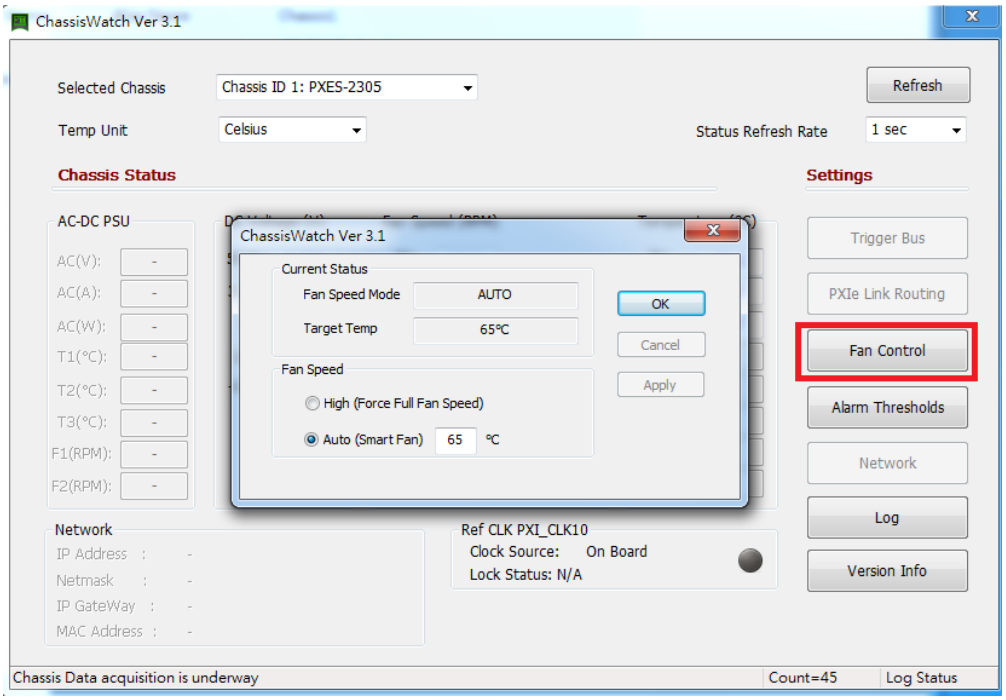
b. Adjust the trigger bus settings
   i. Click **Trigger Bus** to open the settings dialog
   ii. Configure the settings as needed
   iii. Click **Apply Settings** to apply



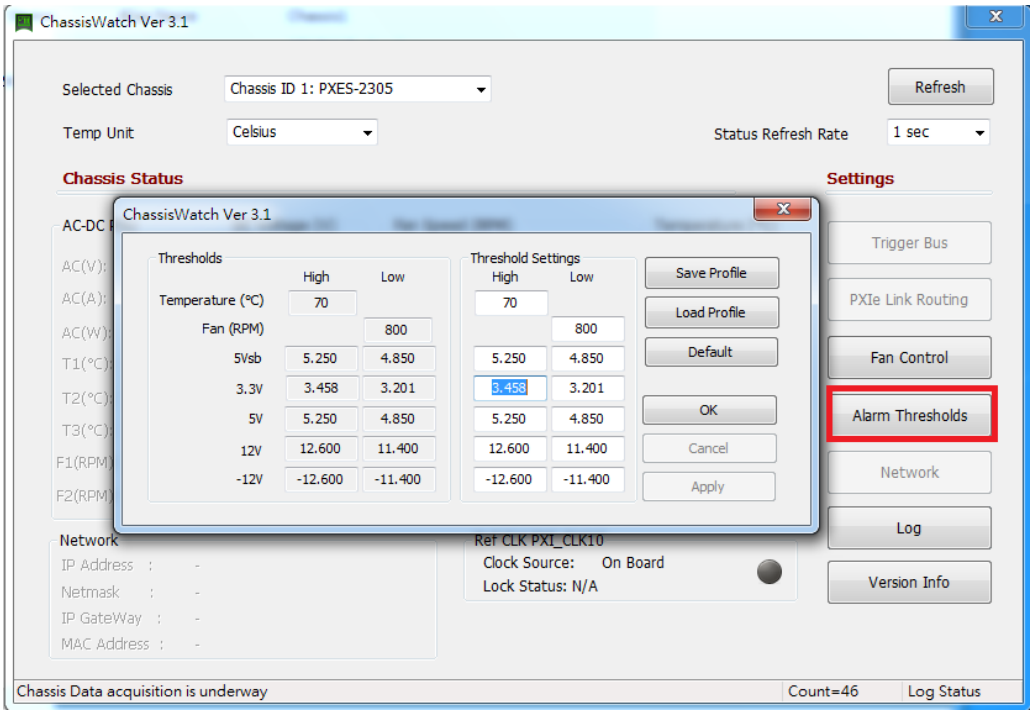
c. Adjust link routing settings
   i. Click **PXIe Link Routing** to open the settings dialog
   ii. Configure the PXIe Link settings (only supports PXES-2780)
   iii. Click **Apply Settings** then click **OK**



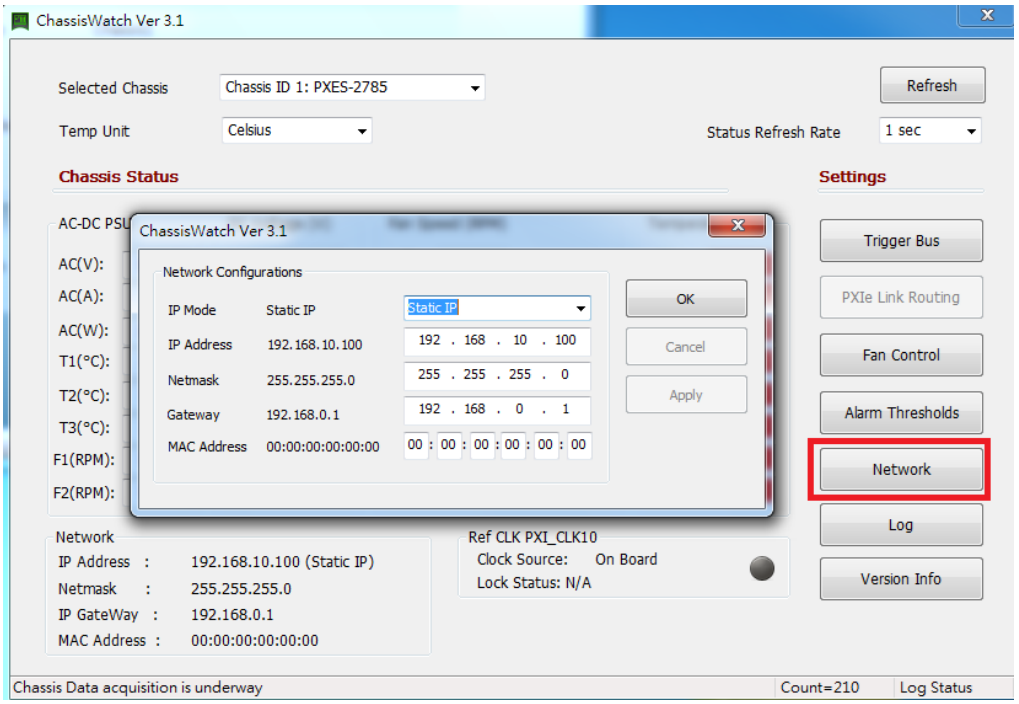
d. Adjust fan speed settings
   i. Click **Fan Control** button to open the fan settings dialog
   ii. Select one of the fan settings
      1. **High** forces continuous full speed
      2. **Auto** activates the fan when the selected temperature is exceeded
   iii. Click **OK** to save settings



e. Adjust the high and low threshold settings
   i. Click **Alarm Thresholds** to open the threshold settings dialog
   ii. Adjust the temperature, fan speed, and DC voltage thresholds as needed
   iii. Click **OK** to save settings

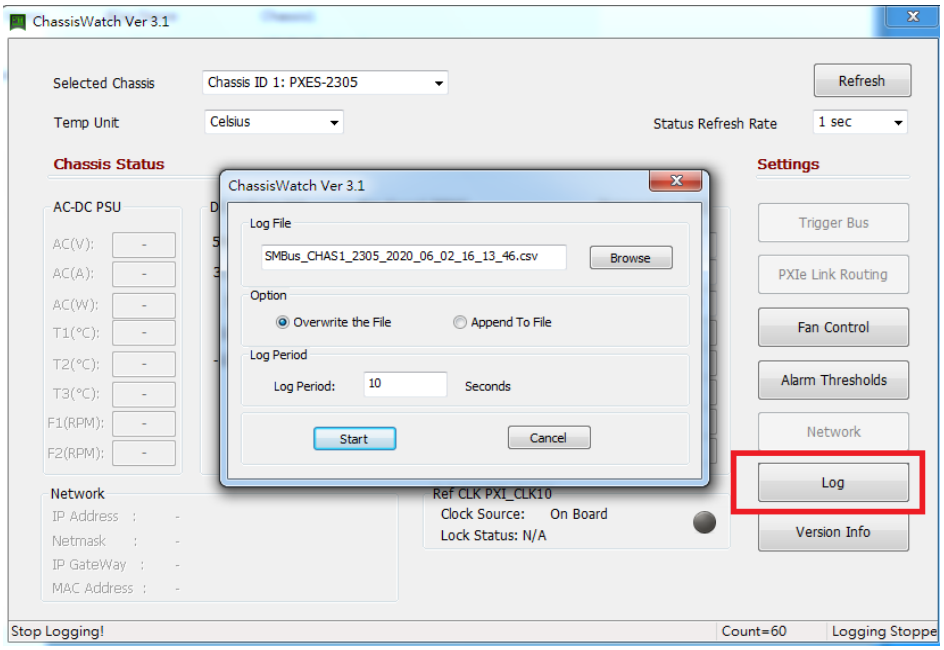
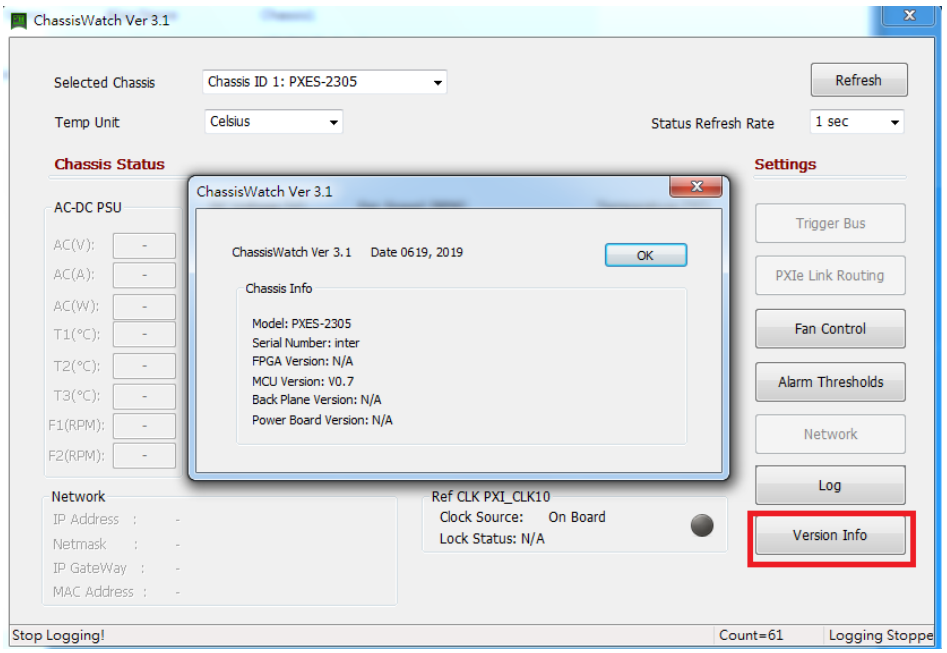


f. Adjust network settings to enable remote control (only supports PXES-2785)
   i. Click **Network** to open the network settings dialog
   ii. Adjust network settings as needed
   iii. Click **OK** to save settings



Step 3: Start Logging

a. Configure and start to log the chassis information
   i. Click **Log** to open the logging dialog
   ii. Adjust settings as needed
   iii. Click **Start** to begin logging



b. Click **Version Info** to display the ChassisWatch version.