

Photron

MONTHLY TECH TIPS WITH MIKE

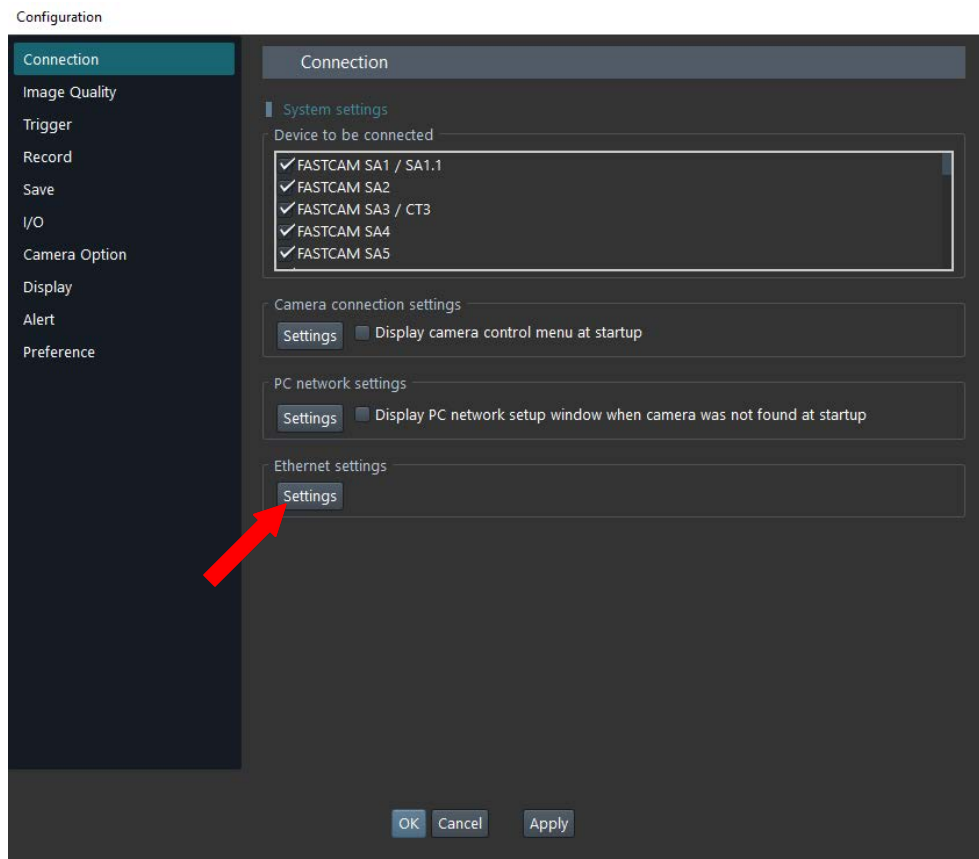


Topic: Network optimization tool

One of the newest features implemented into PFV4 is the network optimization tool. This feature will automatically adjust network settings in both the software and computer hardware for optimal use with the currently connected control PC. This feature is only available in PFV 4.0.3.0 and later. The latest version of PFV4 can always be found at <https://photron.com/software-downloads/> and is a free download.

1) Power on camera and open up the PFV4 software

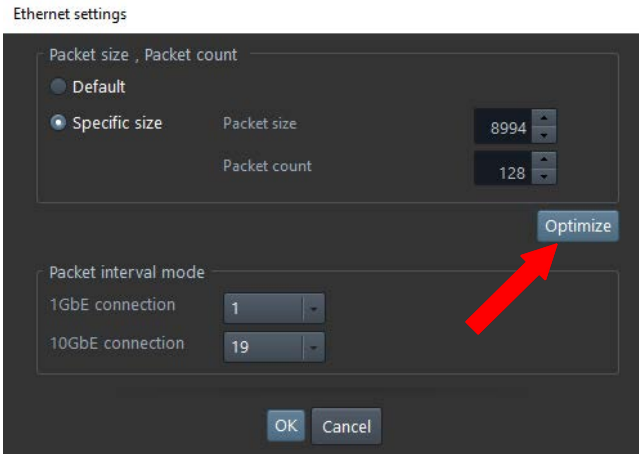
In the top left of the PFV4 click on Menu -> Configuration. You will see the menu pictured below. Click on the "Settings" button in the Ethernet settings box.



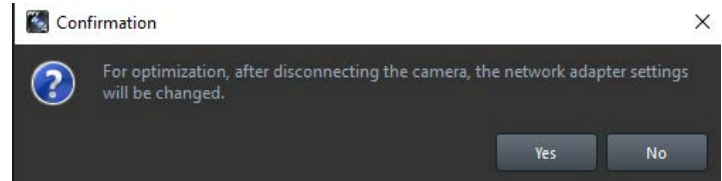
2) Using the optimization tool

To start the optimization process, simply click on the "Optimize" button. You will be prompted for permission to start the process and it will disconnect you from the live view. The process will take several minutes and various packet size/count configurations will be tested. The packet size is the amount of data being sent per packet and the packet count is how many packets are being sent per transmission. When the process is concluded, the optimization tool will select the packet size and count that performs best for the connected PC and camera.

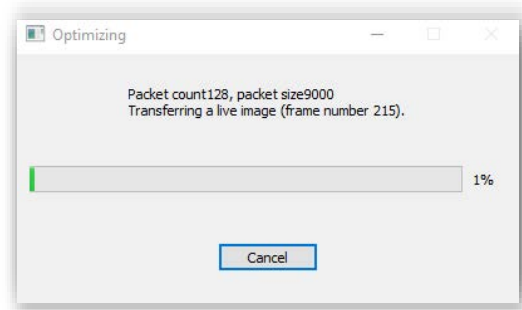
1)



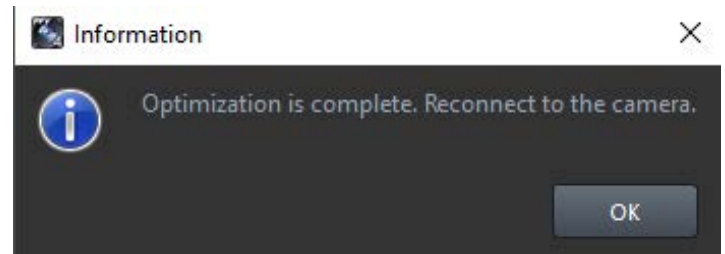
2)



3)



4)



3) Using the tool in secure environments

The optimization tool will attempt to adjust settings in the PFV software as well as settings in Windows for the network adapter being used. When using this tool in a secure network there will need to be adequate permissions to make these adjustments. Please coordinate with your I.T. department to make sure the user initiating this tool has administrative privileges in Windows.



We hope this tech tip was helpful and if you have any questions or comments please contact us:

Call: toll free at 800.585.2129 or 858.684.3555

E-mail: Mestela@photron.com or Skirksey@photron.com