

Troubleshooting Guide for Using PyOptomip on the IDA Stage

Last Updated 11/24/2022

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Corrupted NI Max data

If IDA is unable to connect to any devices in pyoptomip, open the NI max executable and see if you can connect to the devices through that. If not then this could be the problem

This happens when the power to the computer is shut off unexpectedly while the devices are connected, if there have been recent power outages this is one such cause

To fix this problem click ***reset data configuration*** in NI max then restart the PC

Corvus doesn't work after installing Thorlabs Software

Delete vcp drivers under program files thorlabs in both apt and kinesis? Now thorlabs doesn't work

Added VCP Driver folders back into APT folder only

Now everything works.

Thorlabs Motors not Moving

Turn the BSC203 off and on.

Enable all axes.

Open APT User and verify that the three actuators show up and can be moved.

Corvus - Resource is Valid but Can't Connect

This happens when the connection to the corvus isn't terminated when shutting down pyOptomip. This can be due to the program crashing or other issues.

Open NI MAX, go to Tools>Reset Configuration Data

Afterwards you will need to restart the PC