

IOManager

INSTALLATION/SOFTWARE/USAGE

Q: Question

How does EZMotion get added to IOManager as an input?

A: Answer

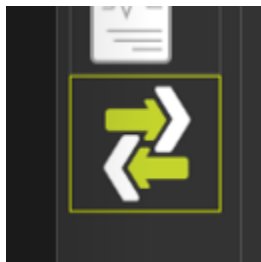
First configure EZMotion for connection to IOManager.

Click Configuration (Gears Icon) then click the Output tab.

In this tab Check the checkbox for IOManager connection. Local IP address and port should be automatically populated. If EZMotion and IOManager are not running on the same computer fill out the IP Address with the Network IP address of the EZMotion computer. Port can be any port not currently used.

Return to the main EZMotion program and click the IOManager connection button (Left and Right arrows). If IOManager is not open then the top arrow should be green and the bottom arrow should be red. This indicates EZMotion is looking for a connection but one has not been established with IOManager. If both are green then a connection has been established.

While this button is active, there are some options that will be locked. Only the Verify, Part Definition, Reference definition, and Measure buttons are active. This button assumes the trackers and cameras are set up and ready to measure.



To configure IOManager, open the software and click the Settings button (gears icon).

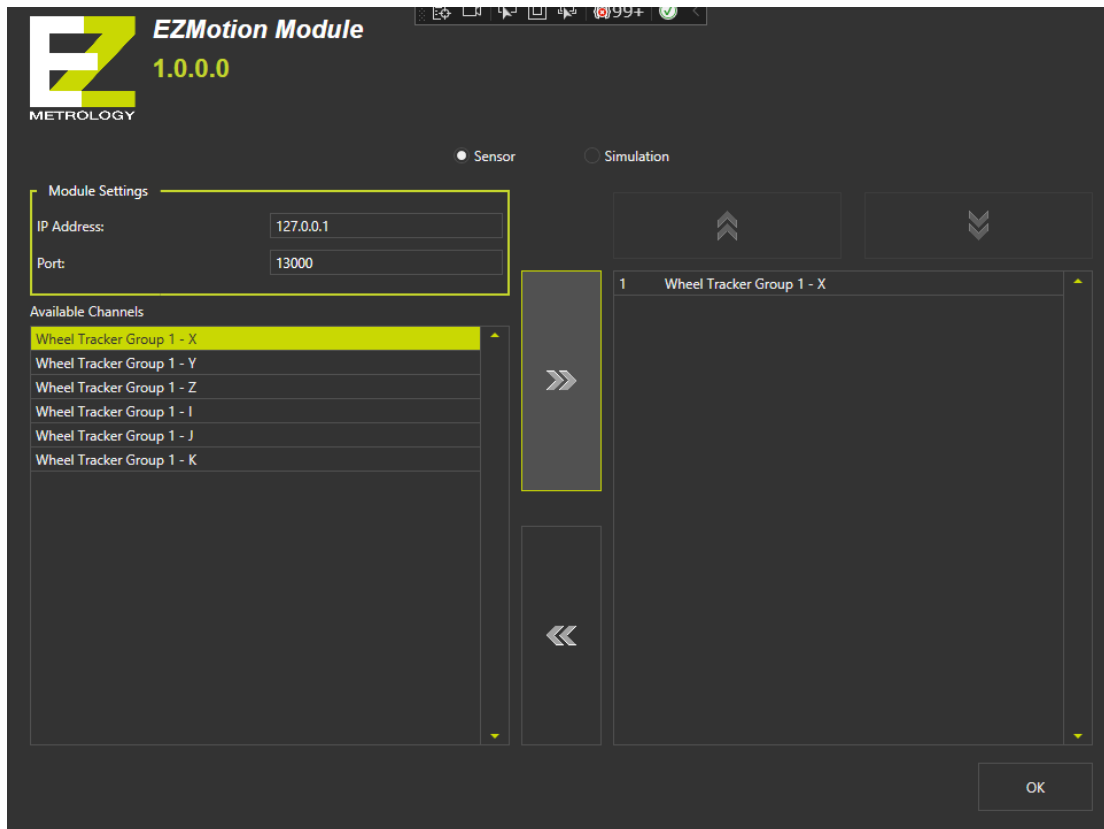
Next click on the Template Editor tab (circle to square to triangle icon).

There needs to be an EZMotion Module added to Active Sensor Modules bottom section. If there is not one there, select EZMotion Module from the Available Modules section then click the Plus button.

Select the EZMotion Module and click the Wrench icon.



Add the same IP address and port from EZMotion settings to the Module Settings section here.



If a connection is properly established the channels running on EZMotion should be added in the Available Channels section on the left.

To add channels to IOManager, select them from the Available channels list by clicking, or select multiple with Shift + Click, then click the arrow facing right to add them to the Active Channels list. The channel order can be changed with the up and down arrows on top of the list. The left facing arrow will remove the selected channel from the Active list. Click OK to finish editing.

IOManager should now be receiving tracking information from EZMotion and can be recorded in the IOManager measurement section.

Going back to the main screen may bring up a popup asking if the template changes should be made to the active session. Click yes to update the active session with the newly entered information.