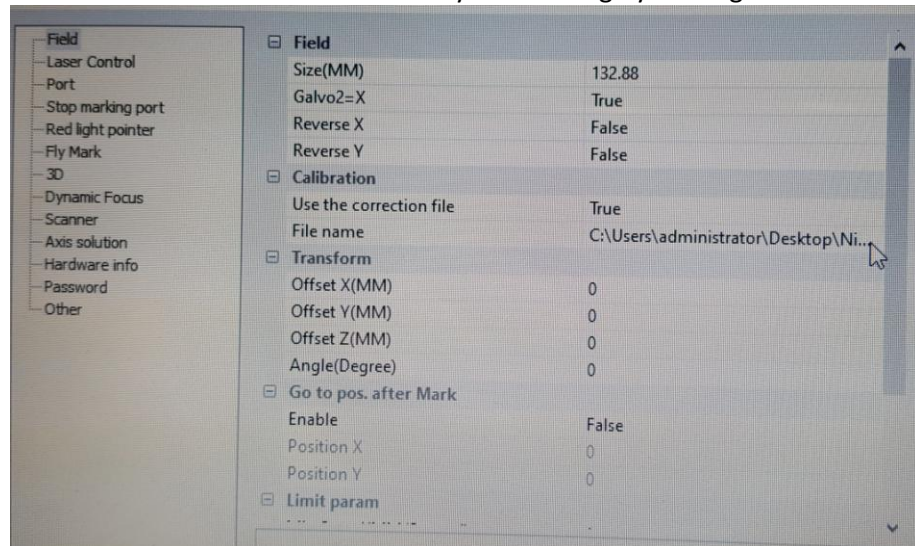


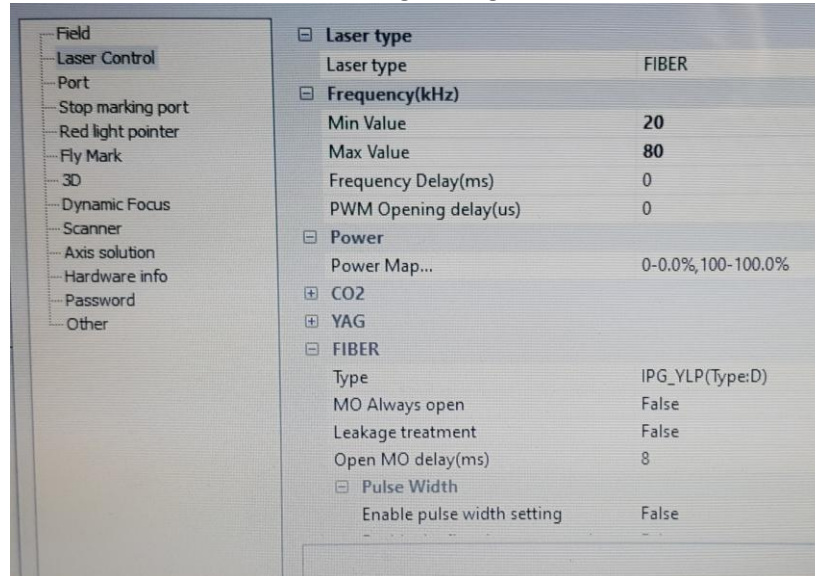
# MarkStar HandHeld NCx Software installation

1. Download the software and documentation from the website:  
<http://www.fonon.us/support/software-packages/>.
2. The EzCAD3 version will run on Windows 7 and 10, 64 bit, operating systems.
3. Unzip the files and create a folder in the C:\ root directory named DO\_NOT\_DELETE. Copy all the installation and documentation files to this folder.
4. Turn on the HandHeld Fiber Laser System and plug in the USB cable from the HandHeld to the Laptop computer. Windows should recognize the new device and attempt to load the drivers for it. When prompted, select "Load from a specified location" and point to the \Drivers folder.
5. If the HandHeld unit is still not recognized, open the System Devices Window or Device Properties Window and manually install the driver. Point it to the appropriate driver folder as explained in step 4.
6. The installation of EzCAD3 software is very easy. Users simply need to copy the \EzCAD3 folder to the root directory of the C:\ drive and then double click Ezcad3.exe under the EzCAD3 directory to run the software.
7. The computer must be connected to the internet to activate the license key. Insert the dongle into a USB port and start the EzCAD3 software. When prompted, enter the 16 digit alpha-numeric code printed on the dongle to activate the software.
8. Follow the instructions in the EzCAD3 Software Manual included in the documentation to setup and use the software. Press F3 on the keyboard and do the following:
  - a. Click Field. Under Calibration, change Use the correction file to True. Enter the correction file name and location for the lens you are using by clicking the ...

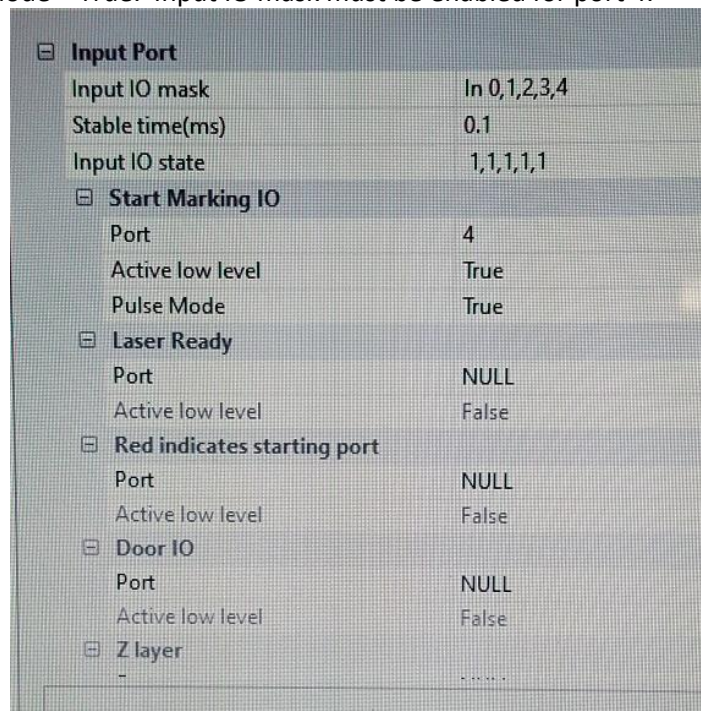


# MarkStar HandHeld NCx Software installation

- b. Verify that Laser Control has the following settings.

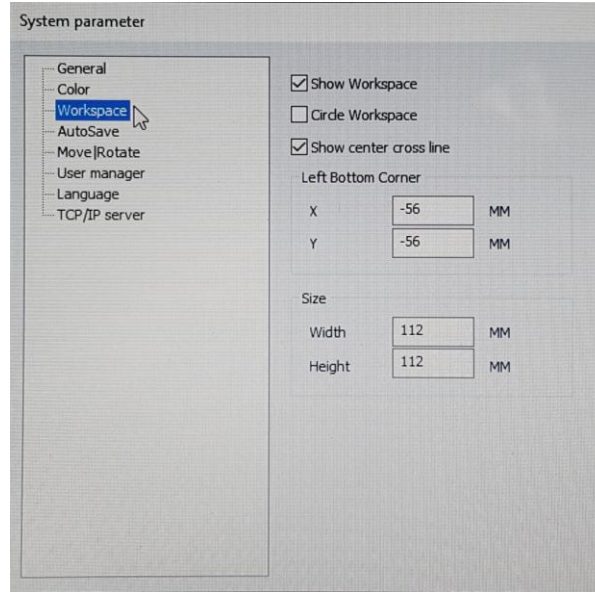


- c. Click the Port tab and set the Start Marking IO to Port 4, Active low level = True, and Pulse Mode = True. Input IO mask must be enabled for port 4.



# MarkStar HandHeld NCx Software installation

9. From the File menu, click System Parameters and select Workspace. Enter the appropriate settings for the work area of your specific lens.



10. Read through the MarkStar HandHeld User Manual included, to familiarize yourself with safety and operation procedures of the MarkStar HandHeld unit.
11. You are now ready to start creating and marking jobs using the EzCAD3 software. To mark a job, press the EMISSION button (**Warning:** EMISSION and POINTER should **not** be turned on at the same time). Place the ScanHead flat on the surface to be marked. The yellow light must come on. When you are ready to mark, press both buttons on the handles with your thumbs. You will see the red light flash as the laser marks the object. Release the EMISSION button when you have finished marking.