FLP MATLAB code installation instruction

1. Download SPCM software from Becker and Hickl (https://www.becker-hickl.com/products/category/software/)

-SPCM 64bit November, 2013 version (has both 32bit and 64bit applications).

-Install both SPCM and SPCM DLL file.

-You need a license from Becker and Hickl.

2. Download and install NIDAQQ940f5.

3. Download and install MATLAB R2012a 32 bit version.

4. Download the MATLAB code folders.

5. In MATLAB, set path in the following order using “Add with Subfolders”.

1) Overrides (a folder that overrides older codes that make the older version of Scan Image code compatible with the FLP system).

2) MATLAB\_FLP

2) multiFLIMsettings

3) MATLAB\_FLIMmultiboard

4) Sabalabsoftware\_Nov2009

6. Make sure to run the MATLAB first as an administrator for the first time.

-> Otherwise, ‘D/A converter not found’ error will appear.

7. Make sure machinesepcific.ini in Overrides folder are updated correctly for the names of NIDAQ boards installed in your computer (you can use the NIMAX software from National Instruments to check the names of installed NIDAQ boards).