

Executive Summary

This Technical Bulletin describes how to check current firmware level and update firmware on the Elo 0700L, 7" wide LCD monitor.

Tools Needed

- Windows XP computer
- Elo 0700L 7" wide LCD monitor
- DisplayLink Utilities and firmware CD2.zip:
<https://elotouch.sharepoint.com/:u:/s/KnoxvilleTechnicalServices/EcOY8ZE1CVZGlg0C7m00z00B9gigkkRu09kF6jKPDambZg?e=vm3841>

Procedure

1. Download the DisplayLink Utilities and Firmware **CD2.zip** and extract to the **C** drive on the Windows XP computer. (You may extract the files to other locations, however, it is simpler if extracted to C as this procedure relies on using the Windows CMD prompt).
2. Connect the 0700L's USB cables to the Windows XP computer
3. Decline the automatic driver installation

- a. Install the driver provided with the package, **DisplayLink-5[1].6.31548.exe**

Name	Date modified	Type
0700L FW	6/28/2019 9:40 AM	File folder
DisplayLink-5[1].6.31548	4/23/2019 10:47 PM	File folder

4. Use command prompt with Administrative privileges
 - a. Navigate to the 0700L FW folder
 - b. To check the current firmware revision level and to obtain the serial number, run the command **dl_nivo --identify**
 - i. In the below example the FW version is **01.72**
 - ii. The serial number is **L11C039300**

```
C:\> Command Prompt

C:\CD2\0700L FW>dl_nivo --identify
ASIC type:    DL115
FW Library:   0261
BCD version:  01.72
Serial number: L11C039300
EDID serial:  1C039300

C:\CD2\0700L FW>
```

5. To update the firmware, go to the 0700L FW folder and double click the **CD2 V01 0345 new.bat** file.

Name	Date modified	Type	S
 CD2 V01 0345 new.bat	11/21/2017 10:30 ...	Windows Batch File	
 CD2 V02 0172 old.bat	6/21/2011 9:05 PM	Windows Batch File	
 ddr_test_log.txt	3/8/2011 1:59 AM	Text Document	
 dl_nivo.exe	7/14/2010 5:44 PM	Application	
 dl_nivo_sytek-2011-04-19-Burn in code.bat	5/8/2011 8:41 PM	Windows Batch File	

6. A command prompt will open prompting for the device serial number. Type in the serial number of the device that was retrieved from Step 4.b and hit enter.

```

C:\WINDOWS\system32\cmd.exe

The Firmware will write.
Scan your barcode for serial number ex.WXYZ123456 : L11C039300
  
```

7. The FW update will then begin. It will only take a few seconds. When completed you will see that the device has been updated with the new FW revision.

```

C:\WINDOWS\system32\cmd.exe

The Firmware will write.
Scan your barcode for serial number ex.WXYZ123456 : L11C039300

Programming...
dl_nivo.exe --program "DL115-I2C-039A-0345.bin" -n L11C039300 -z 1C039300
Programming passed.
ECHO is off.
wait 8 seconds to re-attach device
ASIC type:      DL115
FW Library:     0262
BCD version:    03.45
Serial number:  L11C039300
EDID serial:    1C039300

Test another board? <Y/N>
  
```

New FW version

8. If you are going to be updating more than one device, choose **Y** to continue. Otherwise, choose **N** to exit the program.