

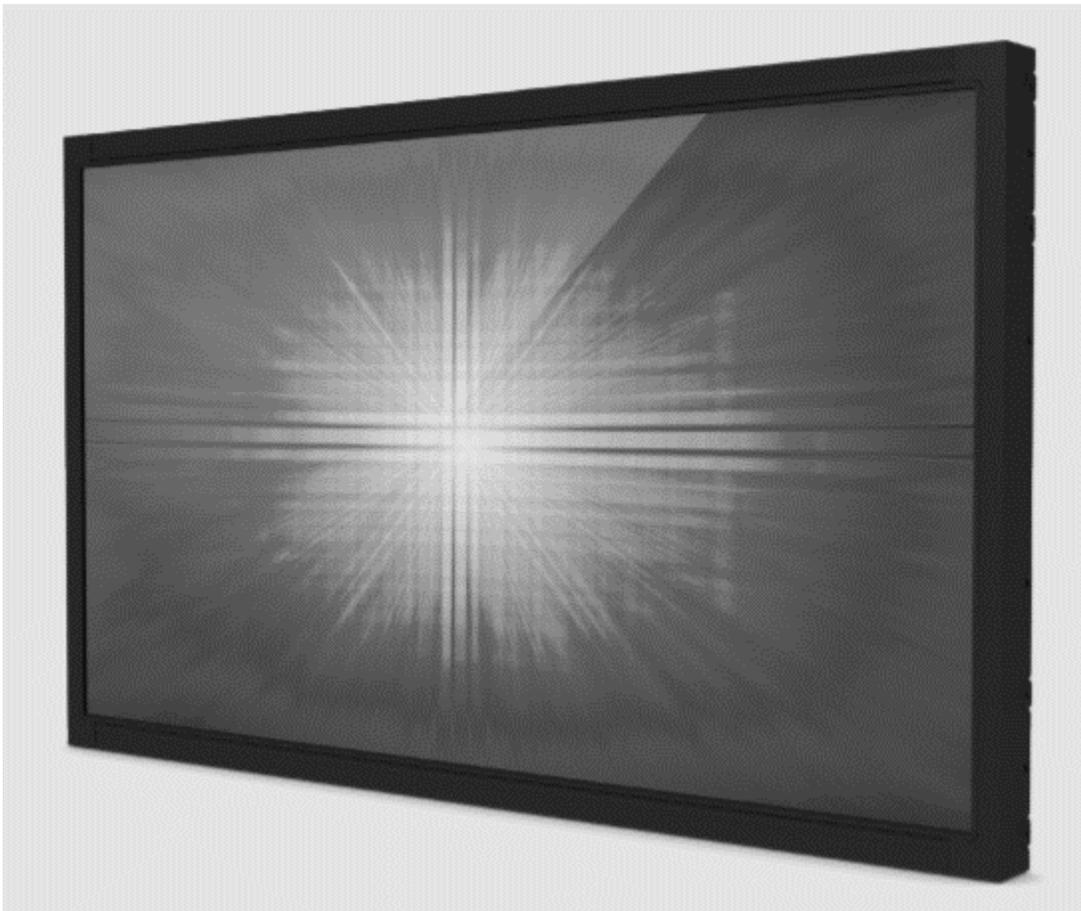


## **Elo Touch Solutions**

**Implementing Through Touch on Large Format Open Frame and IDS Monitors**

TS02212018 Rev B

Elo Touch Solutions Technical Services



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# About This Manual

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This manual describes and includes the tools and firmware files needed to upload through touch p-cap controller firmware to large format open frame monitors. The definition of large format open frame in this document are these open frame monitors with diagonal size equal to or larger than 32” and also includes IDS (Interactive Digital Signage) p-cap monitors.

The intended audience of this document includes: IT engineers, system engineers, electrical engineers, and end-users.

If after reading through this guide, you still have questions or need help getting your system up and running, please contact an Elo Touch Solutions Technical Representative. [www.elotouch.com](http://www.elotouch.com)

# Tools Needed

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The following hardware that is needed:

## Hardware:

- The target large format open frame monitor, it's power brick and/or AC-cord
- USB cable type A
- Video cable, choose the one that fits your PC and the target monitor (VGA/HDMI/DP)
- Windows 7 or higher PC with admin rights

The following software is needed:

## Software:

- Firmware upload tool
- P-cap touch controller firmware bin(ary) file

# Procedure

## 1. Download and install the firmware upload tool

### 1.1. Download the tool:

Copy paste below URL in your web browser:

[https://elotouch.sharepoint.com/:u:/s/KnoxvilleTechnicalServices/EYsrE5rE40tMrfOFdf65\\_gEBZ9PAejq2MaHj5J6UralGfg?e=CGchsg](https://elotouch.sharepoint.com/:u:/s/KnoxvilleTechnicalServices/EYsrE5rE40tMrfOFdf65_gEBZ9PAejq2MaHj5J6UralGfg?e=CGchsg)

Download the zip package to a folder on your PC

### 1.2. Install the tool:

**Make sure there is no Elo touch driver.** If there is one uninstall it and reboot the PC.

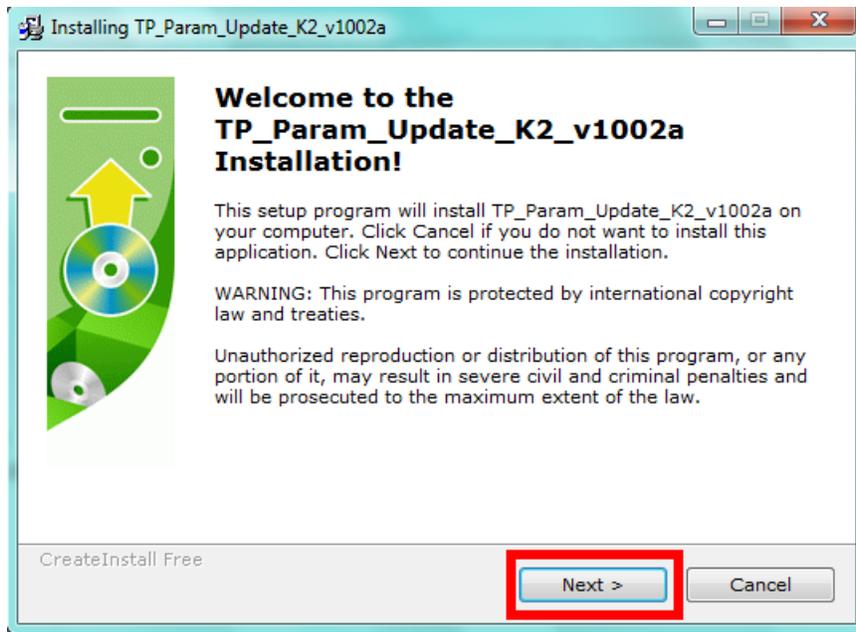
Unzip the downloaded file – ***Iris Update Tool.zip*** - in your folder and you will see the exe file:



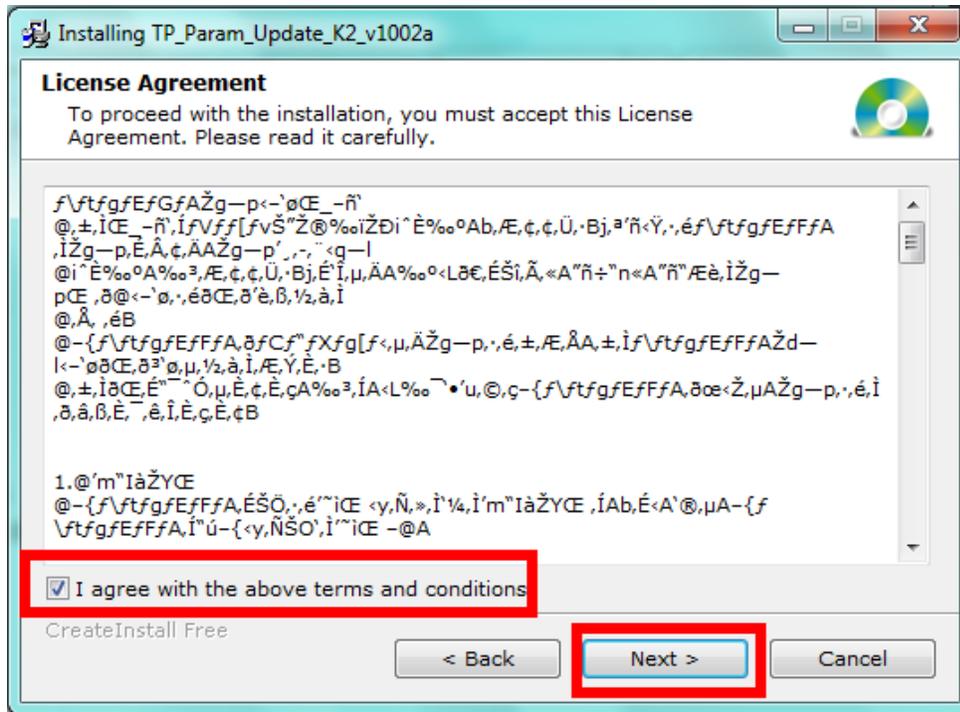
Run the exe file and follow below

instructions:

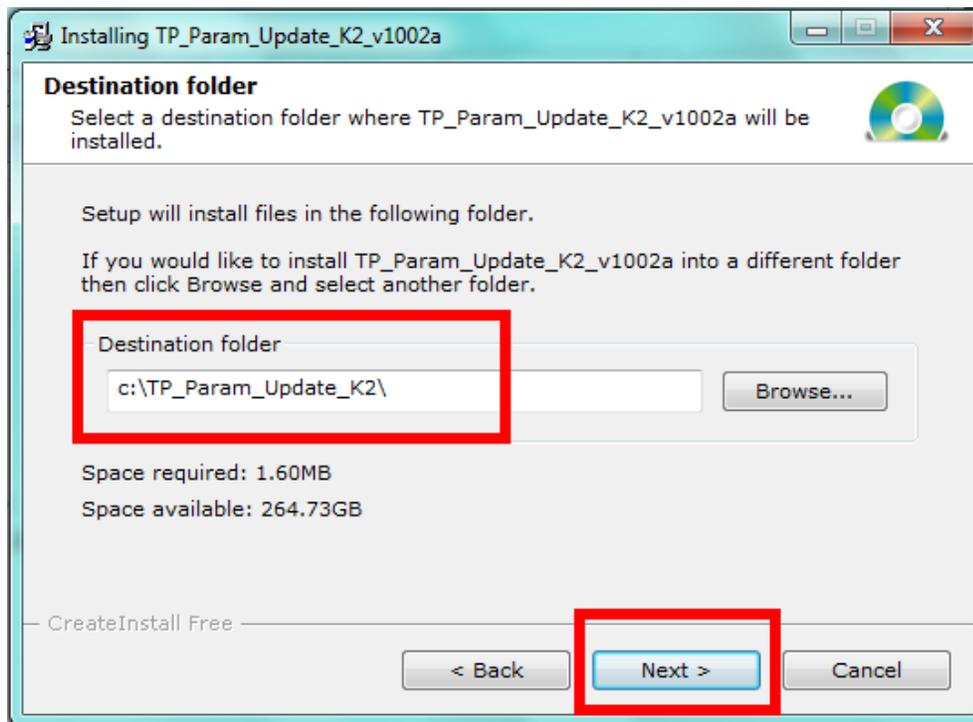
## 2. Press **Next**



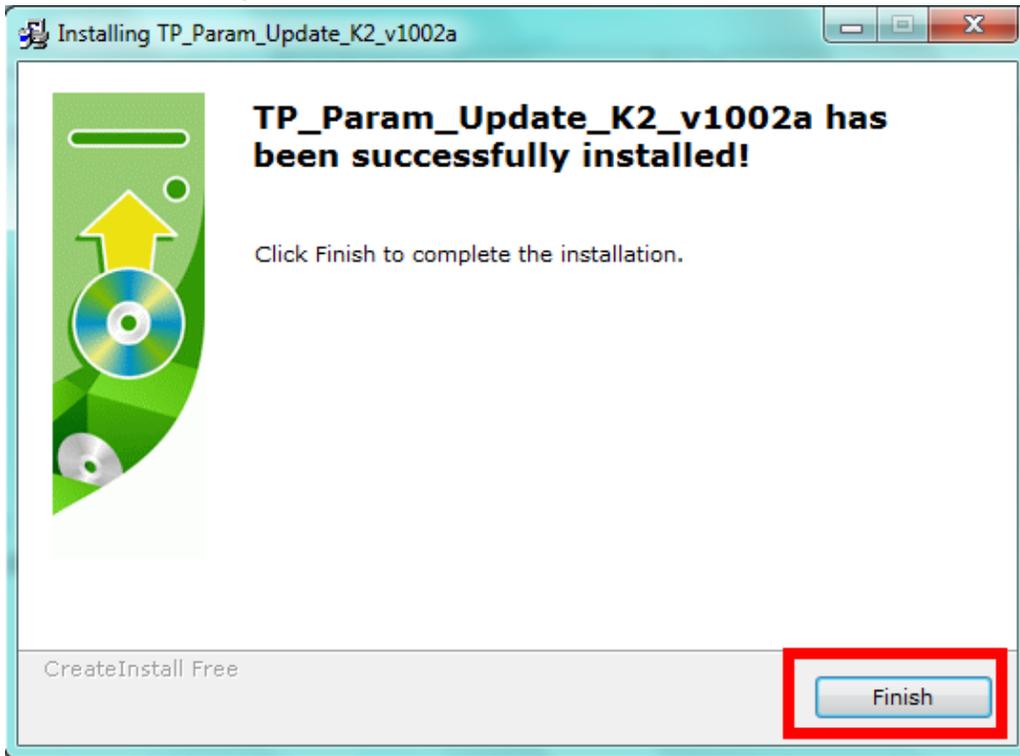
3. Accept the License agreement and press **Next**



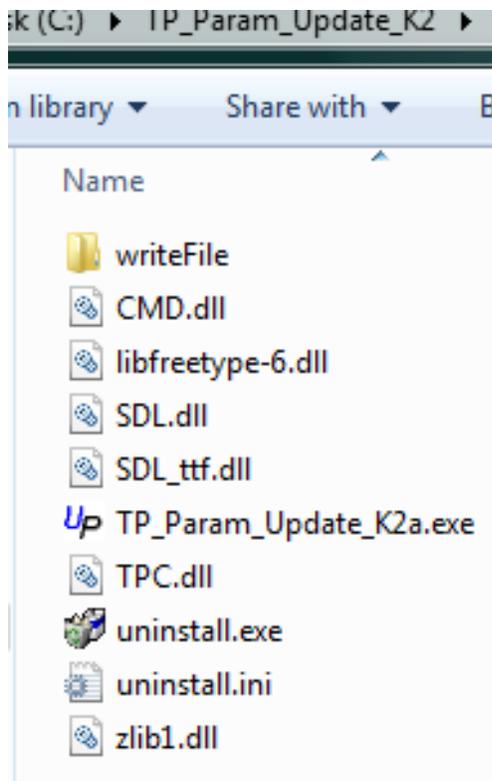
4. Do not change the destination folder - press **Next**



5. After installation press **Finish**



6. Go to the folder **c:\TP\_Param\_Update\_K2\**  
Here you will see below content:



## 7. Download and copy the firmware *.bin* file

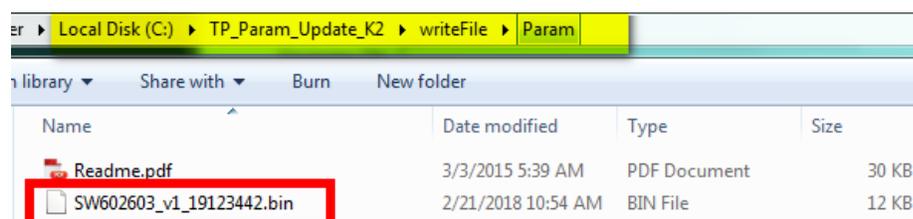
### 2.1. Download the firmware *binary (.bin)* file

Choose the file you need from below table and copy paste its URL in your web browser to download and save the firmware file in a folder. Since there are two versions of the 4602, download both the B and C files, and choose the appropriate one according to the results of step 2.4.2

Monitor	Download URL
3202	<a href="https://elotouch.sharepoint.com/:u:/s/KnoxvilleTechnicalServices/EV1k77jhym1Dp9EoBFIIUoYBTKAEXKpQHwHrFtCwYlf30w?e=atG8cc">https://elotouch.sharepoint.com/:u:/s/KnoxvilleTechnicalServices/EV1k77jhym1Dp9EoBFIIUoYBTKAEXKpQHwHrFtCwYlf30w?e=atG8cc</a>
3243	<a href="https://elotouch.sharepoint.com/:u:/s/KnoxvilleTechnicalServices/Ee2wvRMq6Z5Cnfcxj3vI9XwBeG1VbOE-cAJ_WIU8EIIg-w?e=W9vbxq">https://elotouch.sharepoint.com/:u:/s/KnoxvilleTechnicalServices/Ee2wvRMq6Z5Cnfcxj3vI9XwBeG1VbOE-cAJ_WIU8EIIg-w?e=W9vbxq</a>
4202	<a href="https://elotouch.sharepoint.com/:u:/s/KnoxvilleTechnicalServices/ET4E-LSXOCxOqqOF8ZBrrRgBIEmDdsCBc3_6_wrpQeyUew?e=svG8pK">https://elotouch.sharepoint.com/:u:/s/KnoxvilleTechnicalServices/ET4E-LSXOCxOqqOF8ZBrrRgBIEmDdsCBc3_6_wrpQeyUew?e=svG8pK</a>
4343	<a href="https://elotouch.sharepoint.com/:u:/s/KnoxvilleTechnicalServices/EYaqDVOoqEBGihRYwNQ tqB4B9jD1uamFpcEz9ciySPkzoQ?e=EG4qlr">https://elotouch.sharepoint.com/:u:/s/KnoxvilleTechnicalServices/EYaqDVOoqEBGihRYwNQ tqB4B9jD1uamFpcEz9ciySPkzoQ?e=EG4qlr</a>
4602 w/ PID240 B	<a href="https://elotouch.sharepoint.com/:u:/s/KnoxvilleTechnicalServices/EZBIOIFMG9IEr7zeaXACTGQBnCe-JrzMQ7oaGs98pw3CtA?e=QCfYd2">https://elotouch.sharepoint.com/:u:/s/KnoxvilleTechnicalServices/EZBIOIFMG9IEr7zeaXACTGQBnCe-JrzMQ7oaGs98pw3CtA?e=QCfYd2</a>
4602 w/ PID240 C	<a href="https://elotouch.sharepoint.com/:u:/s/KnoxvilleTechnicalServices/EaPCFgA7n45Mi0owhjQNWEoB6TMy_TbS6l60EQGE_RntJQ?e=RIzRxX">https://elotouch.sharepoint.com/:u:/s/KnoxvilleTechnicalServices/EaPCFgA7n45Mi0owhjQNWEoB6TMy_TbS6l60EQGE_RntJQ?e=RIzRxX</a>
5502	<a href="https://elotouch.sharepoint.com/:u:/s/KnoxvilleTechnicalServices/Ea-x6Bgj0kVJpZjUFLMhuulB_98KDqMF9XY33klwPs1IMQ?e=xbbaUc">https://elotouch.sharepoint.com/:u:/s/KnoxvilleTechnicalServices/Ea-x6Bgj0kVJpZjUFLMhuulB_98KDqMF9XY33klwPs1IMQ?e=xbbaUc</a>
5543	<a href="https://elotouch.sharepoint.com/:u:/s/KnoxvilleTechnicalServices/EZdb4z9v_gdHrm_SfckqHwQBBXmBSsPpeYgWagg_PmH5jg?e=Keoyu0">https://elotouch.sharepoint.com/:u:/s/KnoxvilleTechnicalServices/EZdb4z9v_gdHrm_SfckqHwQBBXmBSsPpeYgWagg_PmH5jg?e=Keoyu0</a>

### 2.2. Copy or move the firmware *binary (.bin)* file

Go to the location where you downloaded the *.bin* file and copy / move it into the following location: **C:/TP\_Param\_Update\_K2/writeFile/Param** - See below picture with the binary file destination folder. Please make sure before putting it there that there is no other binary file in that folder, only the one you need should be in there.



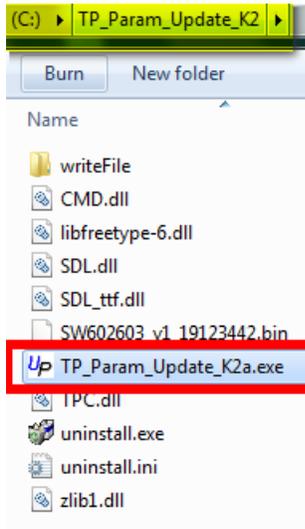
## 2.3 Upload the firmware *bin(ary)* file to the monitor

2.3.1 Connect video and USB to the PC

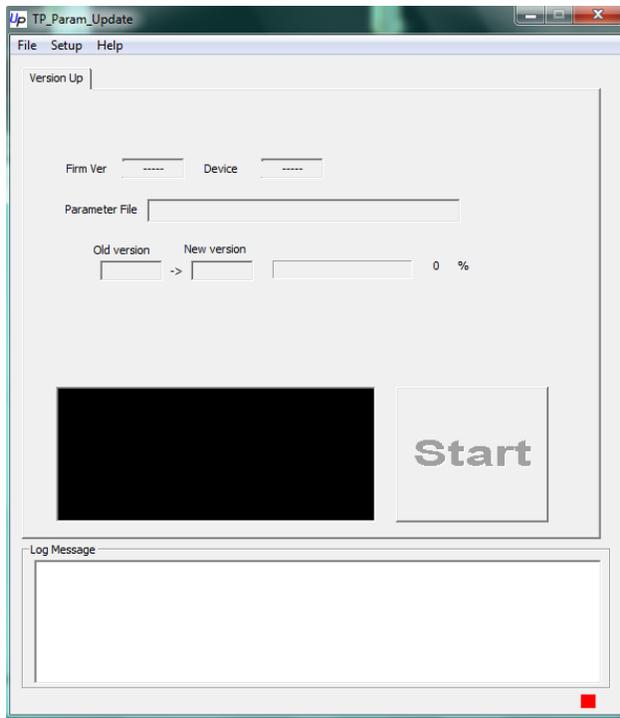
2.3.2 Connect the power cord to the monitor

2.3.3 Wait for the Elo splash screen to disappear and the PC image to appear on the monitor

2.3.4 Launch the upload tool from the folder *c:\TP\_Param\_Update\_K2*

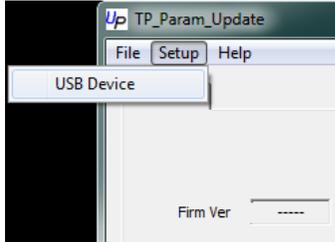


5) Below will appear



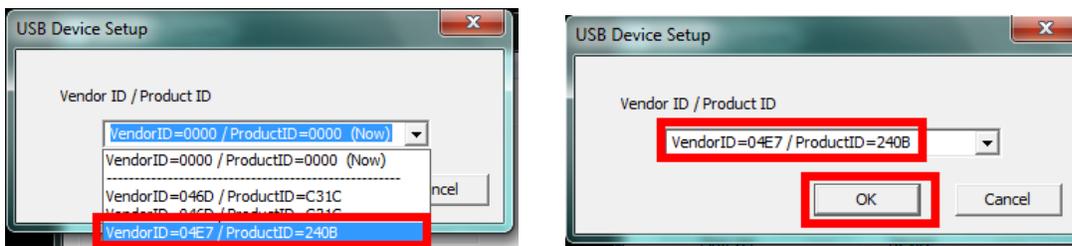
## 2.4 Follow below instructions:

2.4.1 Press **setup** in the menu bar and then choose **USB Device**.

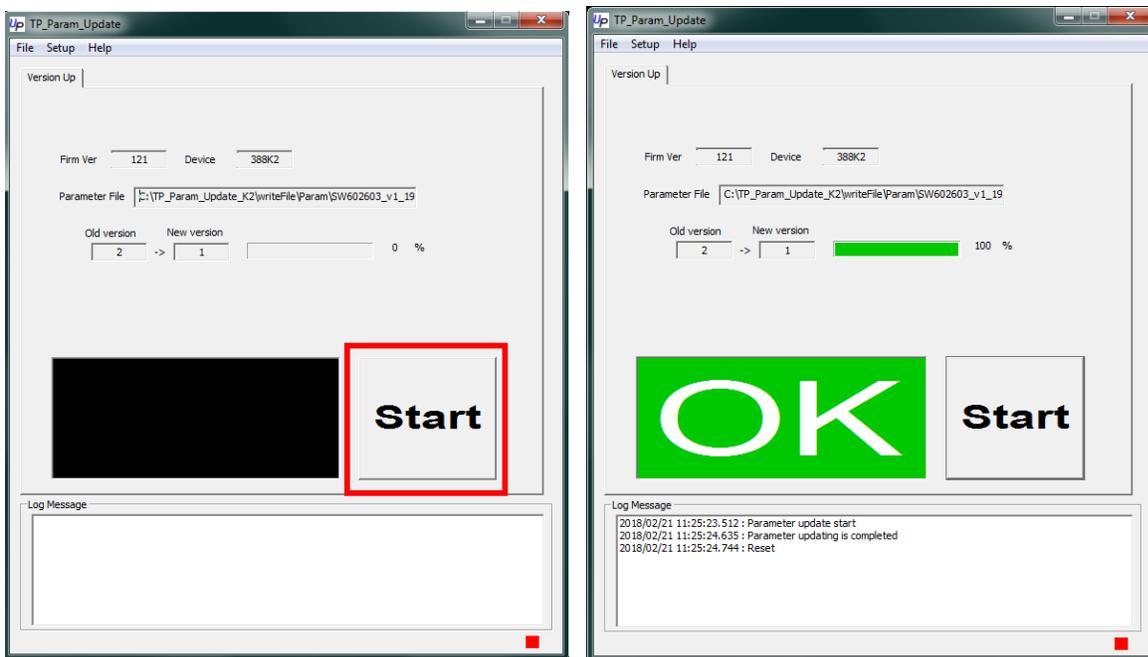


2.4.2 Make sure the USB device VendorID is **04E7**

If not, look for it by using the drop down list and select it, then press **OK**.



2.4.3 Press the **Start** button and let it run. An **OK** message will appear after the upload.



2.4.4 Close the tool and cycle power to the monitor by disconnecting the power cable and then reconnect. Through-Touch should now be active on the monitor.

Check out our website

**www.elotouch.com**

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- Press releases
- Software drivers

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To find out more about the extensive range of Elo touch solutions, visit our website at [www.elotouch.com](http://www.elotouch.com), or simply call the office nearest you:

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