

## How to Program an APR Controller Serial Number

Connect the touchmonitor to your computer, but **do not connect the USB cable until after the Elo APR driver is installed.**

Unzip the attached files to an easily accessed folder on your hard drive.

Load the Elo APR driver. **Do not connect the USB touch cable until the driver is finished installing.** After the cable is attached, the driver will complete the initialization process. After the initialization process is complete, test the touchscreen. It should be working.

Go to a **DOS Command Prompt** and then go to the folder where you unzipped the attached files.

Type **touch –micronas**

Close the **DOS Command Prompt** application and go back to Windows.

Go to the **Device Manager**.

Under **Universal Serial Bus controllers** you should see **USB Composite Device**.

Right click on **USB Composite Device** and then select **Update Driver**.

Select **No, not this time when asked if Windows can connect to Windows Update to search for software**.

Click **Next**.

Select **Install from a list or specific location (Advanced)**.

Click **Next**.

Select **Don't search. I will choose the driver to install**.

Click **Have Disk...**

Click **Browse** and then select the **uacbflt.inf** file in the **drivers** folder which is located in the folder where you unzipped the attached files.

Click **Open** and then **OK**.

Select **Micronas Composite USB Device**.

Click **Next**.

Bypass the driver signature check by clicking **Continue Anyway**.

Wait for the system to copy and install the drivers.

Click **Finish**.

You may be asked to restart the system.

Go to the folder where you unzipped the attached files and double click the **uacbwin.exe** file.

On the following screen, select **File**, and then **Update Firmware**.

Select one of the hex files in the folder where you unzipped the attached files. The hex files are **T4200002.hex** through **T4200005.hex**. If you have more than one APR monitor whose serial number needs to be programmed, select a different hex file for each monitor.

Click **Open**.

The application will update the serial number. When finished click **OK**.

Close the **uacbwin.exe** application.

Cycle power to the Elo monitor by turning the monitor off. Unplug the AC power cord and replug the cord after approximately ten seconds. Turn the monitor back on by pressing the power button on the side of the monitor.

Test the touch function. The touchscreen should be working.

To verify the serial number has been changed go to the **Control Panel** and double click the **Elo Touchscreen** icon. Select the **Properties 1** tab. The **USB Sn** should match the name of the hex file you selected earlier.