



Vista Imaging Device Firmware Update Procedure

Overview: To facilitate the ability to introduce enhancements we have developed an easy process to update the firmware within the Vista Imaging device and verify the process has been performed without error.

The procedure of updating the firmware is as follows:

1. Unzip the Vista Imaging device utilities (SDK or Demo) onto the Windows system.
2. Plug in the Vista Imaging device to the systems USB port.
3. Make sure no other applications or processes are accessing the Vista Imaging device.
4. Run the FW Updater batch file ("bat" extension) located in the "Firmware" directory. You will see a console window open and start the update process illustrated below. Do not unplug the Vista Imaging device during the update process.

A screenshot of a Windows command prompt window titled "C:\WINDOWS\system32\cmd.exe". The command entered is "C:\UcApi\VistaEY2P_Demo\Firmware>UcFwUpdate.exe 303f uc303f_v127.hex". The output shows the following text:

```
UcFwUpdate_Test, version 1.2
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Erasing Flash... Done
Updating Firmware... Done
Verifying Firmware Update... Done

Firmware Updated Successfully!
Waiting for Device Successfully Reenumerate!
Device passed Reenumeration!
Press any key to exit...
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```

5. The process will erase the program flash within the device, update the flash with the new firmware, then verify the process performed without error, and then try to reboot the device for the new firmware to take affect. On older firmware versions within the Vista Imaging device the FW updater will instruct you to unplug the Vista Imaging device from the USB port, wait approximately 5 seconds, and then plug the Vista Imaging device in to the USB port.
6. The Vista Imaging device is now updated with the new firmware and ready to use.

Vista Imaging support team