



VIA Labs, Inc.

VLI VL100MPTool User Guide

Oct. 12, 2015

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Table of Contents

1.	Installation Overview	2
2.	Use VL100 MPTool	9
2.1.	VL100 MPTool Main Window	9
2.1.1.	Setting – Basic Setting	10
2.1.2.	Enumerate	10
2.1.3.	Detail View	10
2.1.4.	Auto Run and Auto Stop	11
2.2.	View	12
2.3.	Help	12

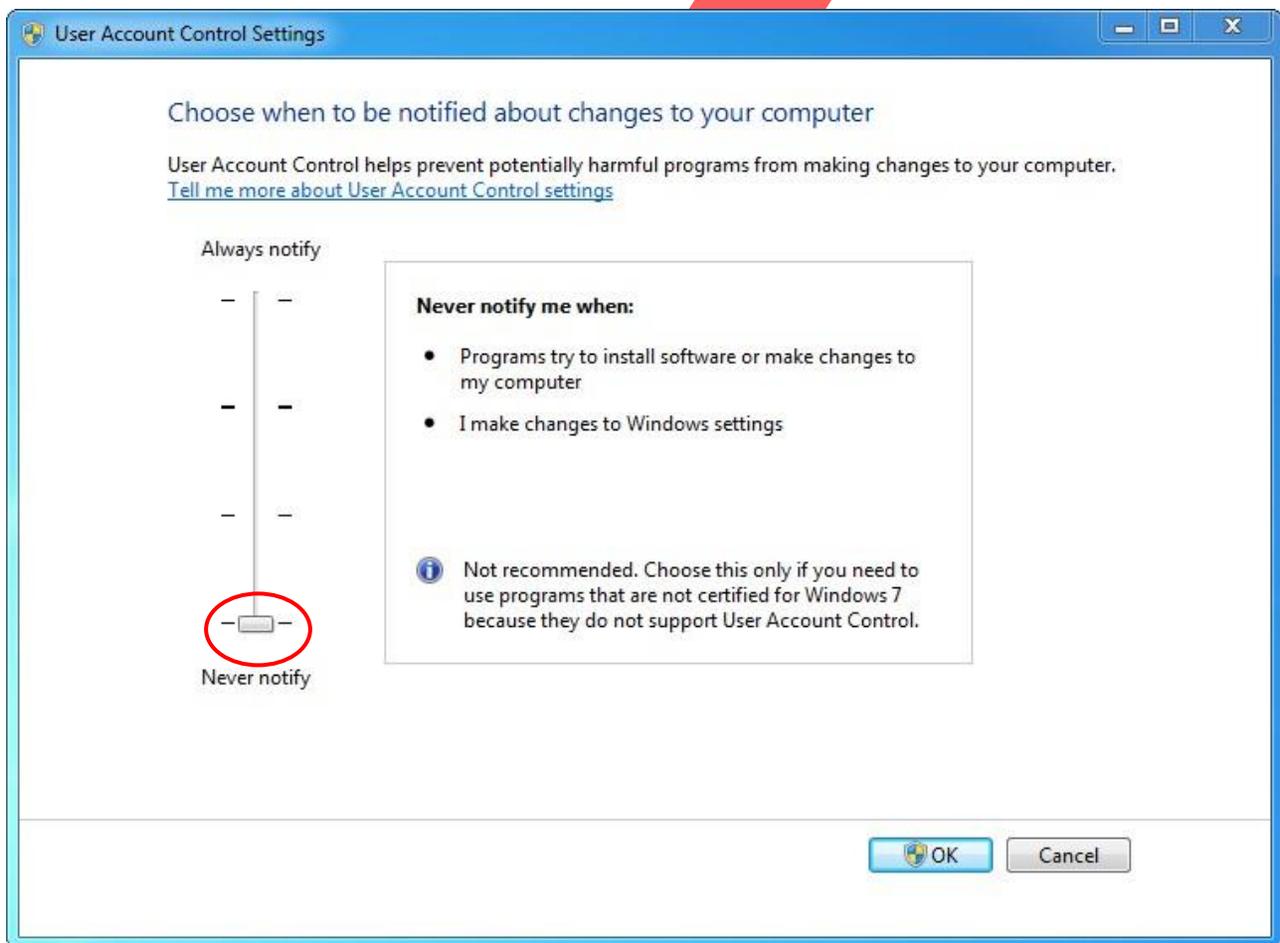
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1. Installation Overview

- **Upstream Port Limitation Description:**
 - (1) Type-C Host must Not support Alternate Mode
 - (2) Or with VLI VL160 Type-C(female) to Type-A(male)
 - (3) Or with VLI VL222 Type-C(female) to Type-A(male)

- **VL100MPTool Currently only supports Windows operating system.**
 - (1) Pull the slider down to "Never Notify" in User Account Control Settings when OS is Windows 7 / 8 / 8.1 / 10. (Control Panel > User Accounts > Change User Account Control Settings)





(2) Disable digital signature when OS is Windows 8 / 8.1 / 10.

A. Command Prompt > Run as administrator



B. Disable digital signature: Enter the following two commands, and then reboot computer.

`bcdedit -set loadoptions DDISABLE_INTEGRITY_CHECKS`

`bcdedit -set testsigning on`



C. Run VL100MPTool_Setup.exe

Step1 : Select Setup Language

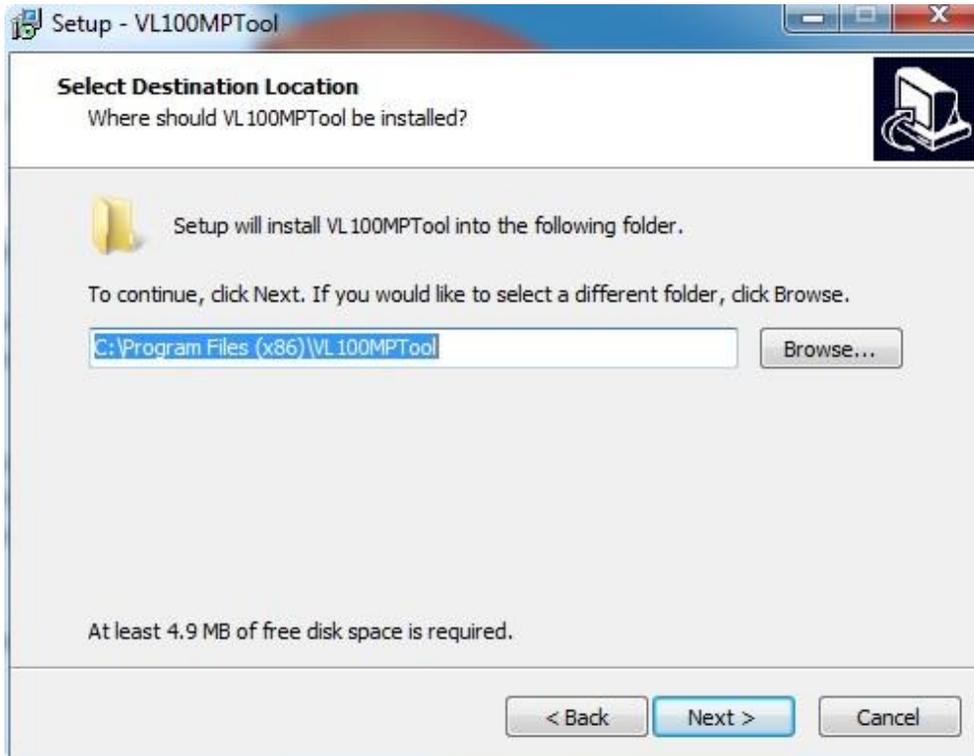


Step2 : Click "Next" for the next step

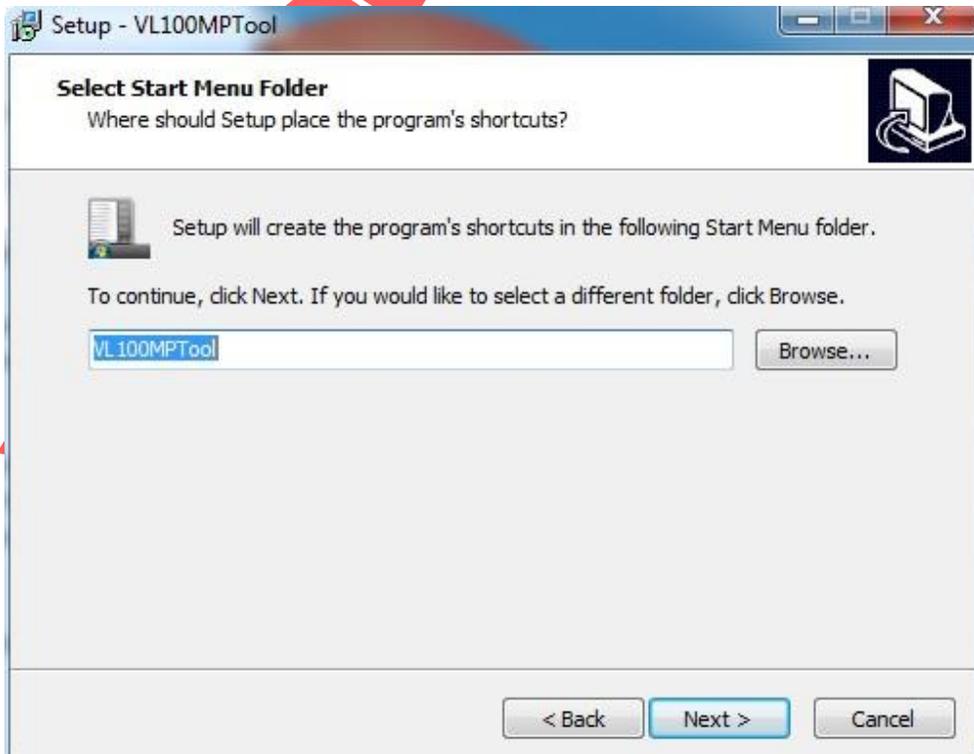


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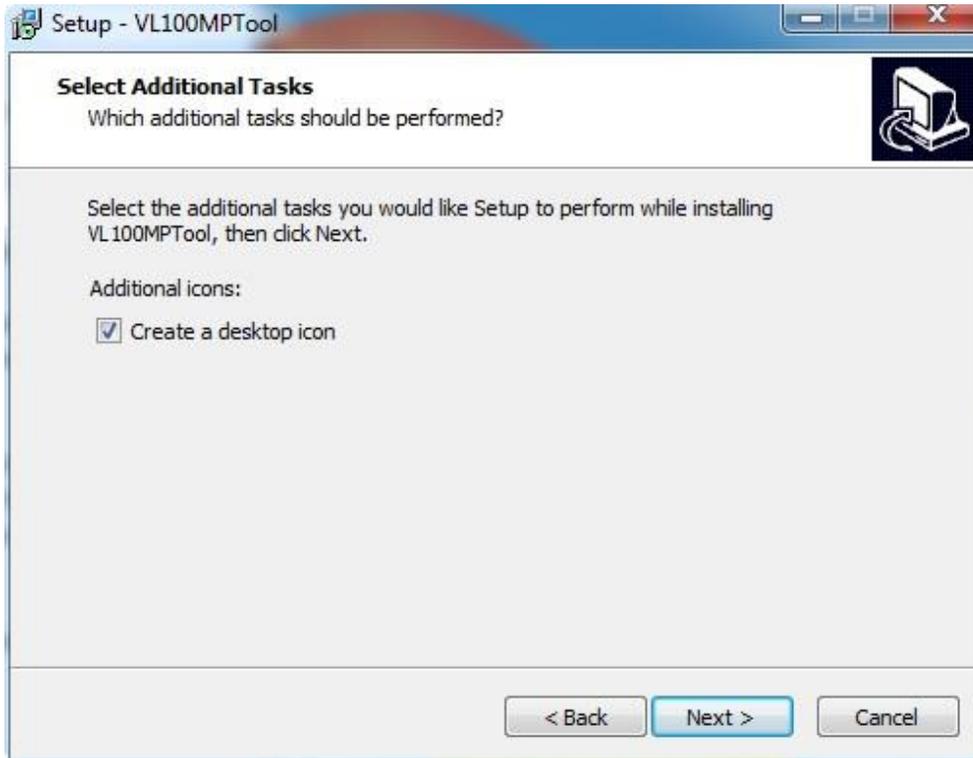
Step3 : Specify the Destination Folder and click "Next"



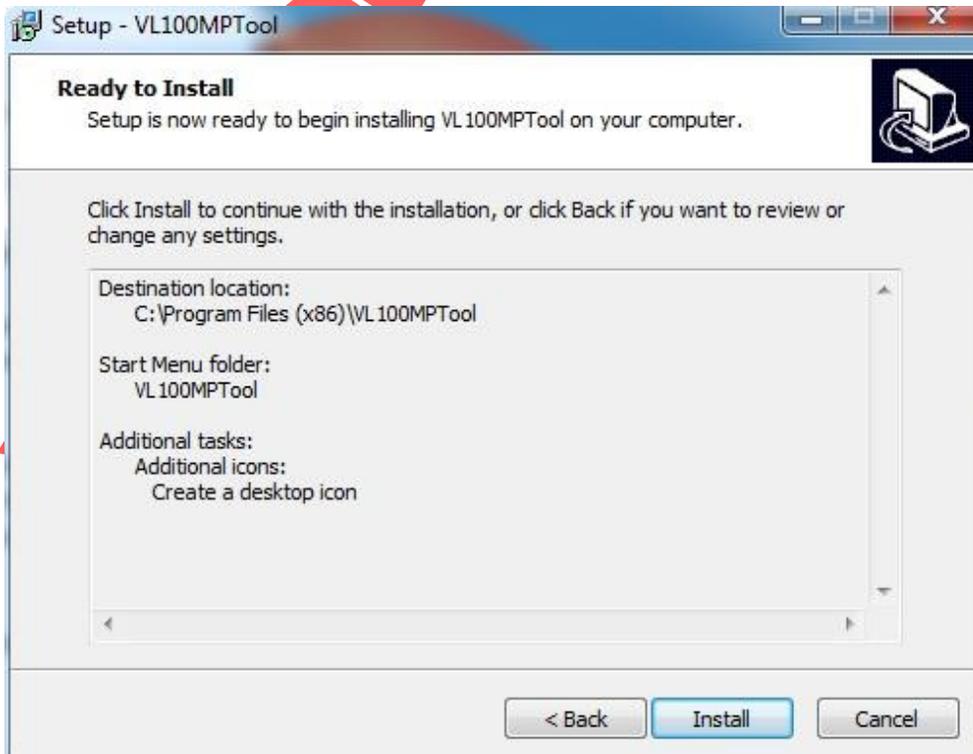
Step4 : Specify the Start Menu Shortcut Location and click "Next"



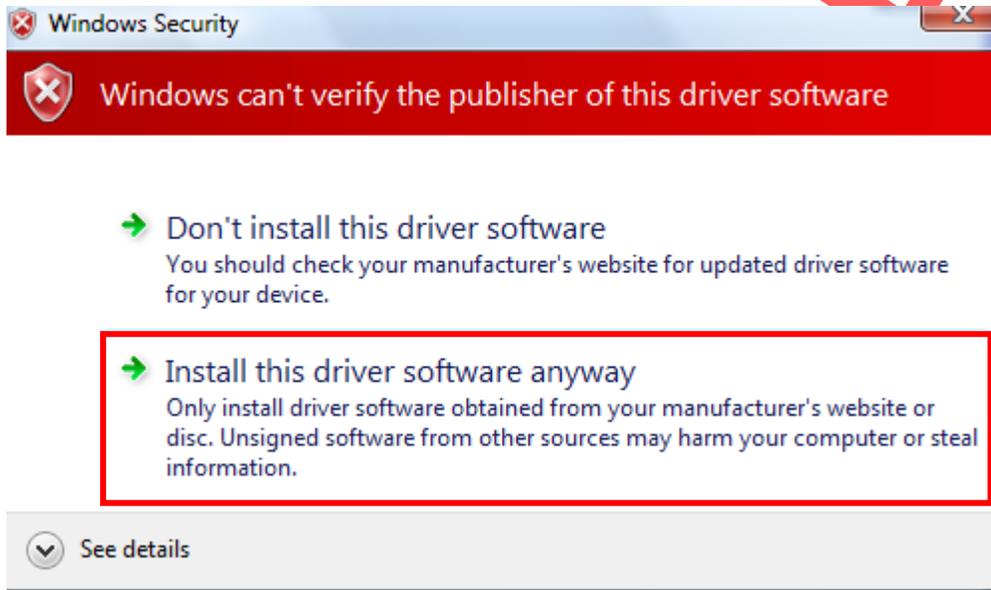
Step5 : (Optional) Select Additional Shortcut Icons to be created and click “Next”



Step6 : Confirm Installation Options and click “Install”



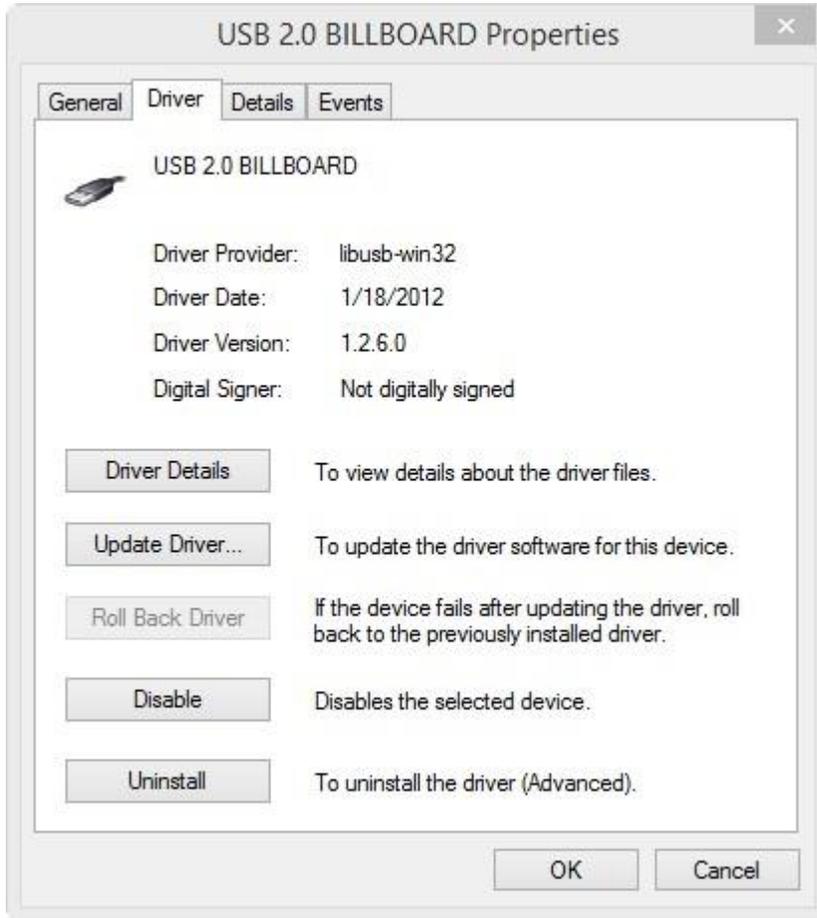
Step7 : If a security warning window appears, be sure to click “Install this driver software anyway”.



Step8 : Installation Complete! Click “Finish” to exit.



D. Not digitally signed driver has been successfully installed.

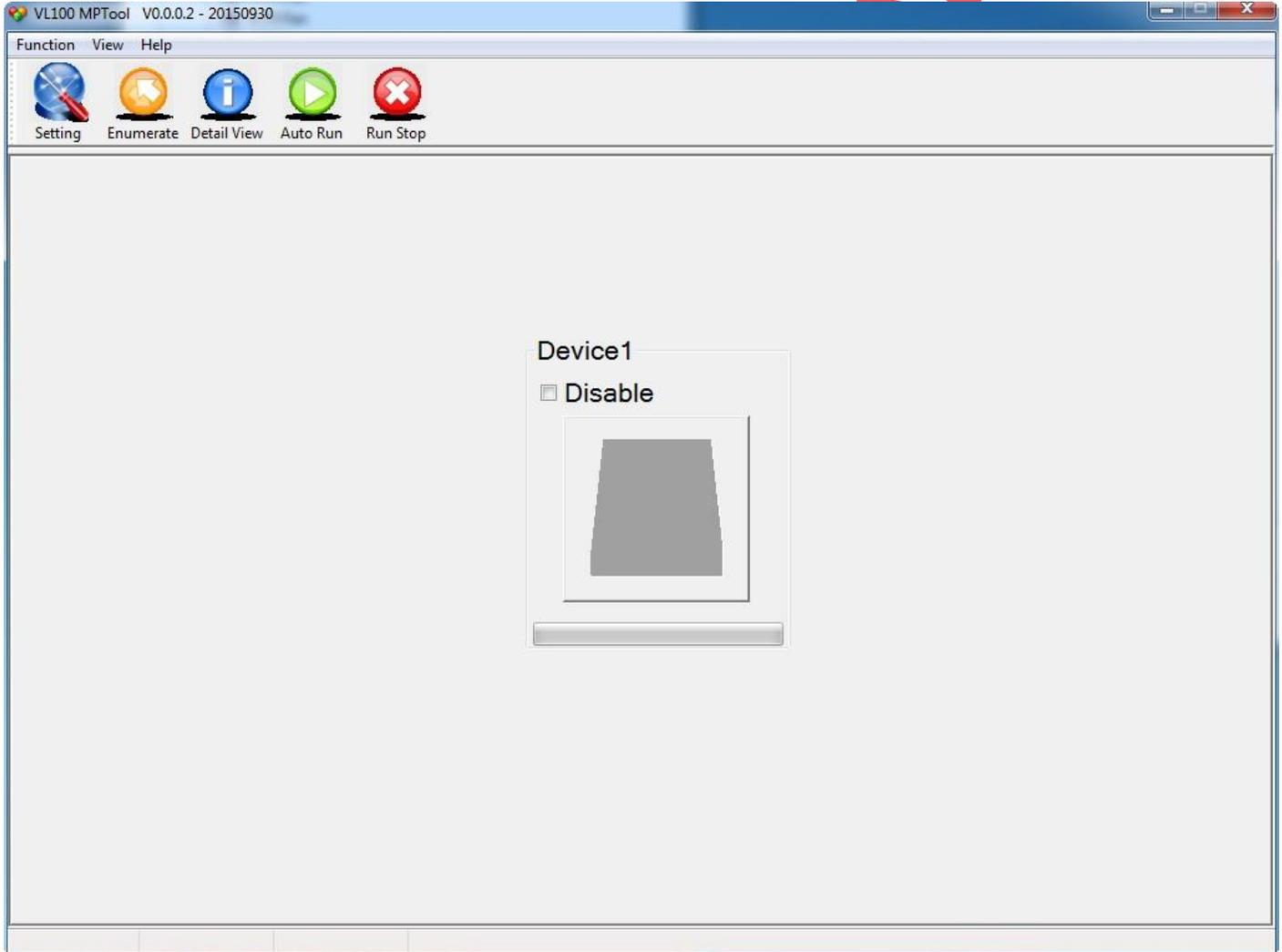




2. Use VL100 MPTool

2.1. VL100 MPTool Main Window

Currently available functions: "Setting", "Enumerate", "Detail View", "Auto Run" and "Run Stop".



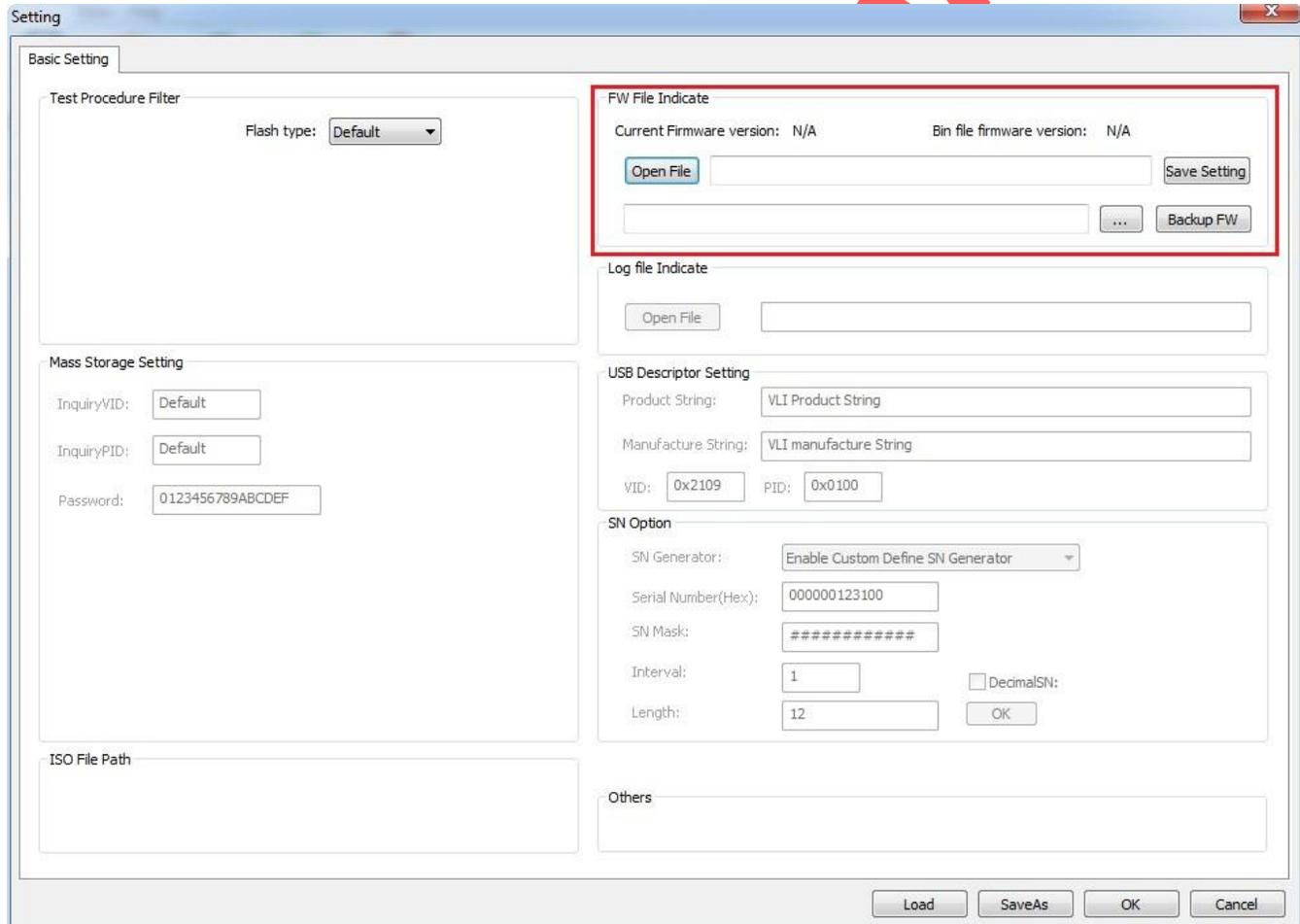


2.1.1. Setting – Basic Setting

Basic Setting includes “Test Procedure Filter” and “FW File Indicate”.

(1) **Test Procedure Filter:** Flash type Default is MXIC 25L 512E.

(2) **FW File Indicate:** Provide firmware version information, and specify the firmware file. Click “Backup FW” to backup currently used firmware. (Save Setting = OK)



2.1.2. Enumerate

Re-detect the devices have been inserted.

2.1.3. Detail View

Show the device information: “VID/PID” and “Firmware Version”.

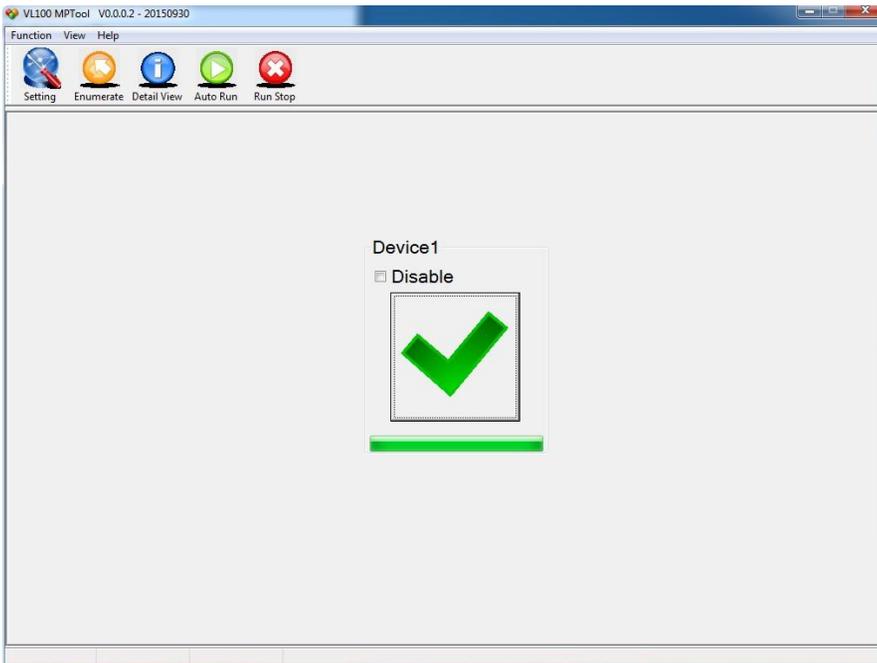




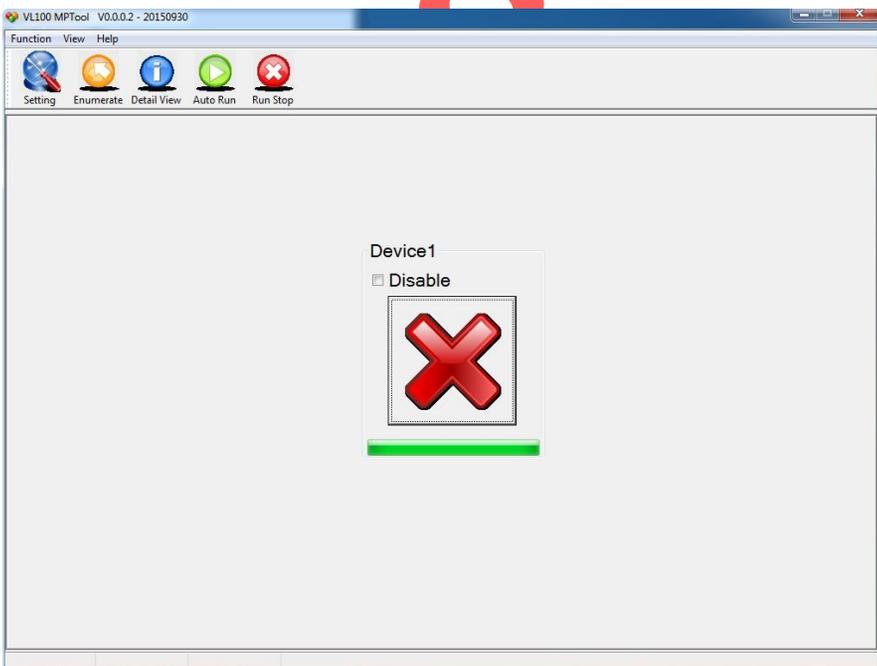
2.1.4. Auto Run and Auto Stop

VL100MPTool will update FW when click “Auto Run” or “Device1 Icon”; Otherwise the FW update will be stopped when click “Run Stop”.

A. Firmware Update Success



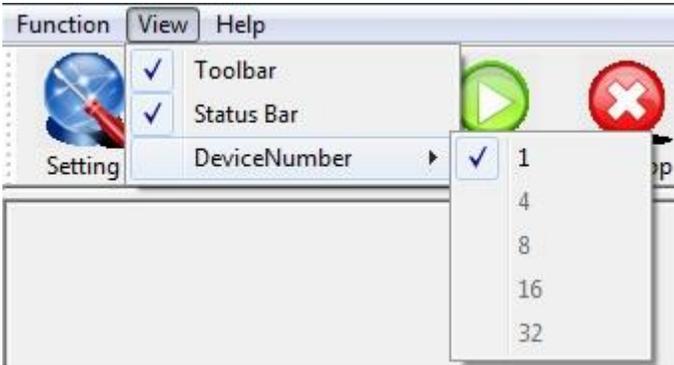
B. Firmware Update Fail





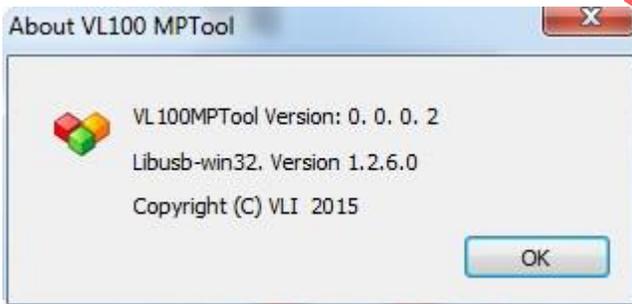
2.2. View

Show "Toolbar", "Status Bar" and "DeviceNumber" (only select one device).



2.3. Help

VLI VL100MPTool information will be shown in "Help".



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