

# Firmware Updater Instructions

The following sections list the required software, hardware, and procedures to upgrade your ViewSonic projector firmware.

## WARNING

During the firmware download, do not disconnect the USB cable, shut down your computer nor turn off your projector. This will corrupt the flash memory, and you may have to send in your projector to recover the flash memory. .

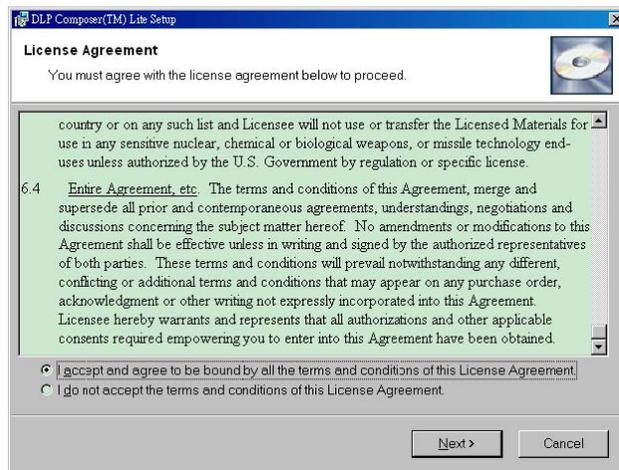
## 1. Hardware and Software

- Computer Window® XP or later
- USB Type A to Type B Cable
- Power Cord
- DLP Composer Lite™ v9.2



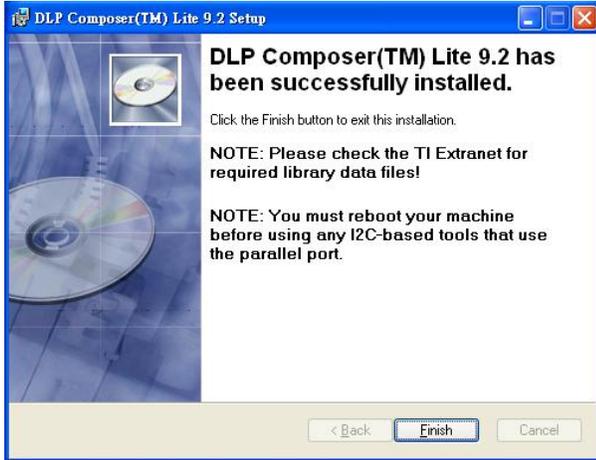
## 2. Software Installation Procedures (DLP Composer™ Lite v9.2)

1. Double-click **[DLP Composer Lite v9.2 Setup.exe]**.
2. Click **[Next]** to continue the installation.
3. On the **[License Agreement]** screen, scroll down to the bottom, select **[I accept and agree to be bound by all the terms and conditions of this License Agreement]**, and click **[Next]** to continue.



4. On the Select **[Installation Type]** screen, select **[ALL]** and click **[Next]** to continue the installation.

5. When the installation is finished, click **[Finish]** and reboot the computer.



6. A shortcut to DLP Composer™ Lite v9.2 is created on the desktop.

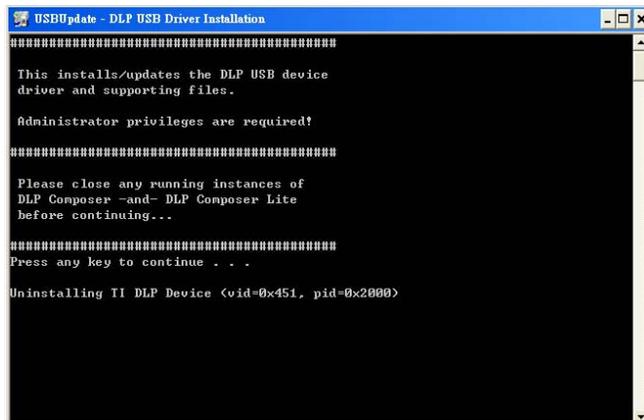


### 3. USB Driver Installation

1. After the DLP Composer™ Lite v9.2 has been installed, choose "Install DLP Device USB Driver" under Start\All Programs\DLP Composer™ Lite 9.2 on your computer.



2. Follow the instructions given on the screen below.



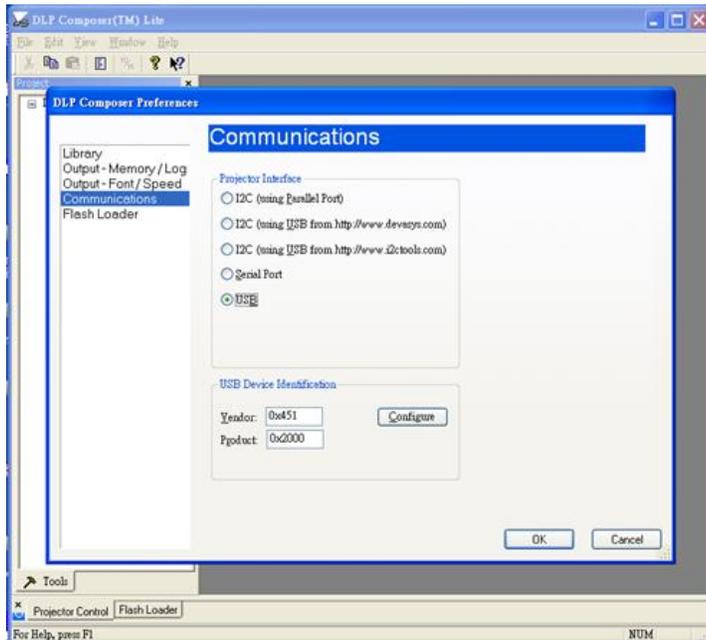
3. Copy the file “FlashDeviceParameters.txt” into the “C:\ Program Files\ DLP Composer Lite 9.2” folder.

#### 4. Firmware Updating Procedures

1. Connect the Type B USB connector from the projector to the computer with Type A.
2. Double-click [DLP Composer™ Lite 9.2].

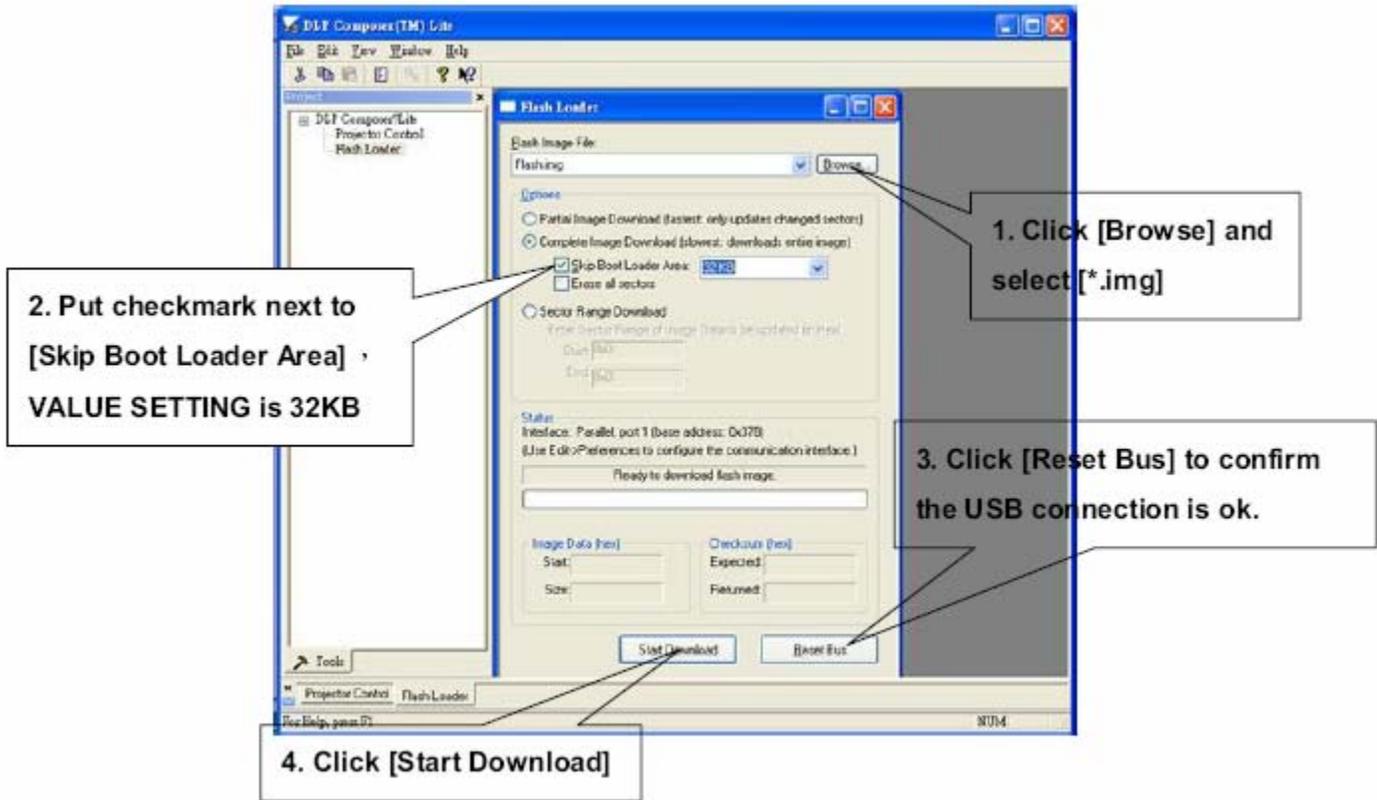


3. Select [Edit]/ [Preferences] on the top menu bar. For [Communications], select **USB** as the **Projector Interface**.
4. Under [USB Device Identification], verify that the USB Vendor ID and product code are **Vendor 0x451** and **Product 0x2000**.



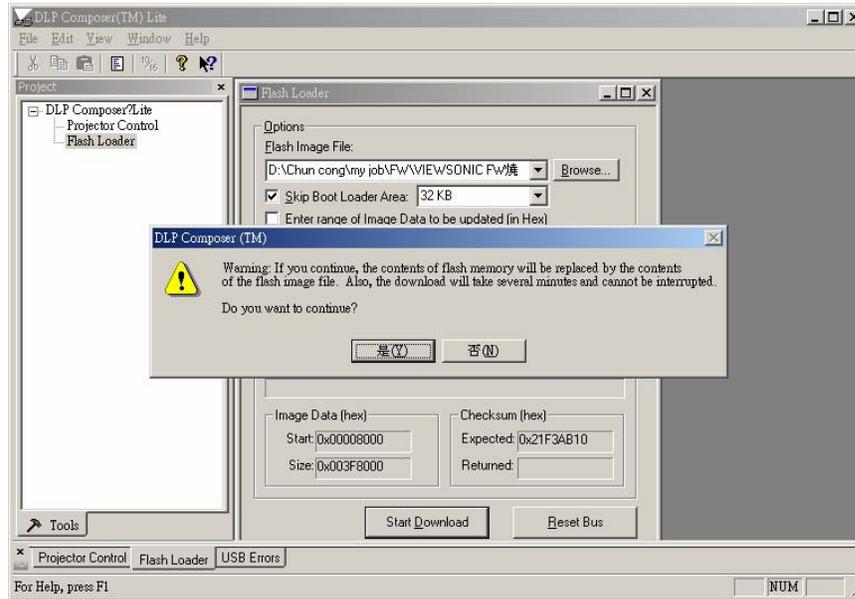
5. Click [OK] to proceed.

6. Under the [DLP Composer Lite] screen, select [Flash Loader]. The Flash Loader screen appears.



7. Click [Browse] and select the firmware [xxxxxxx.img] file to update your projector.
8. Make sure [Skip Boot Loader Area] is checked, and its value is [32KB].
9. Press and hold the **Enter** and **Power** buttons simultaneously on the projector keypad and then plug in the power cord on the projector until the projector Temp LED and Lamp LED are lit up. This indicates that the projector is in the firmware download mode.
10. Click [Reset Bus] to reset and verify good USB connection.
11. Click [Start Download].

12. On the warning dialog box message below, click **[Yes]** to continue.



13. The projector will restart to indicate the completion of the firmware update process.

14. Disconnect the USB cable and power cord from the projector. Reconnect the power cord and power on the projector.

15. Press **Menu** on the projector keypad, scroll down and select **Factory Default**. Then, select **Yes** and press **Enter**.