

Windows 8 / 8.1 has a secure driver install requirement. Any driver not submitted to Microsoft will not be installed by default.

To install the MLVS driver, you must enter "Test signing mode".

Enable Test Signing Mode:

Windows includes a "Test Mode" or "Test Signing" Mode feature. Enable this mode and driver signature enforcement will be disabled until you choose to leave Test Mode. You'll see a "Test Mode" watermark appear at the bottom right corner of your desktop near your clock, informing you that Test Mode is enabled.

You'll need to run a command from an Administrator Command Prompt to do this. To launch one, right-click the Start button or press Windows+X and select "Command Prompt (Admin)".

Paste the following command into the Command Prompt window and press Enter:

```
bcdedit /set testsigning on
```

If you see a message saying the value is "protected by Secure Boot policy", that means Secure Boot is enabled in your computer's UEFI firmware. You'll need to disable Secure Boot in your computer's UEFI firmware (also known as its BIOS) to enable test signing mode.

Restart your computer to enter test mode. You'll see the "Test Mode" watermark appear at the bottom right corner of your desktop and you'll be free to install whatever unsigned drivers you want.

To install the MLVS driver:

When the MLVS is powered on and connected to the USB port of a Windows PC, the following will apply:

On a Windows 7 / 8 PC, in the device manager, the device will be listed under "Other Devices" as an Unknown device. On Windows 10, the driver will be loaded automatically, and the device will be listed under "Ports (COM & LPT)" as a USB Serial Device (COMX). First connection to a Windows 10 PC may take 1-2 minutes to initialize, after that, it will connect in seconds.

Installation instructions for Windows 7 / 8:

1. Open Control Panel, select Device Manager.
2. Select Unknown Device in the tree list.
3. Right click and choose Update Driver Software...
4. Select Browse my computer for driver software.
5. If you have not installed the software on the USB flash drive to the PC, browse and select the flash drive:

Drive letter :MLWI USB CDC Win7 Driver folder. If you have installed the flash drive software to the PC, browse and select C:\MLVS\MLWI USB CDC Win7 Driver folder. Click next.

6. You will receive a message that "Windows can't verify the publisher of this driver software" Click install this driver software anyway. You will see a message that states "Windows has successfully updated your driver software", and MLVS synthesizer will be listed. Click Close.

7. The MLVS Synthesizer will now be listed under the "Ports (COM & LPT) section of the Device Manager.

8. Please note the COM Port number for future reference.

9. The MLVS Synthesizer will now be accessible via the USB COM port number shown in Device Manager.

To leave test mode, open a Command Prompt window as Administrator once again and run the following command:

```
bcdedit /set testsigning off
```

Restart your computer to leave test mode.

The driver will now be available in Windows 8 / 8.1.