

Installing Kneron Academy

Software and Hardware Requirements

Hardware Requirements

Hardware
Kneron KL520 Dongle
PC(or Notebook) with USB 2.0 slot, Disk space: at least 100MB
USB WebCam (or build-in Camera)

Software Requirements

Operation System	Technical Requirements
Windows 10	above version 1507

Installing USB Driver for Kneron KL520 Dongle

You will need administrator's rights to perform the installation.

When a Kneron KL520 device is connected to a Windows PC for the very first time, Windows might report that it failed to find a USB driver automatically.

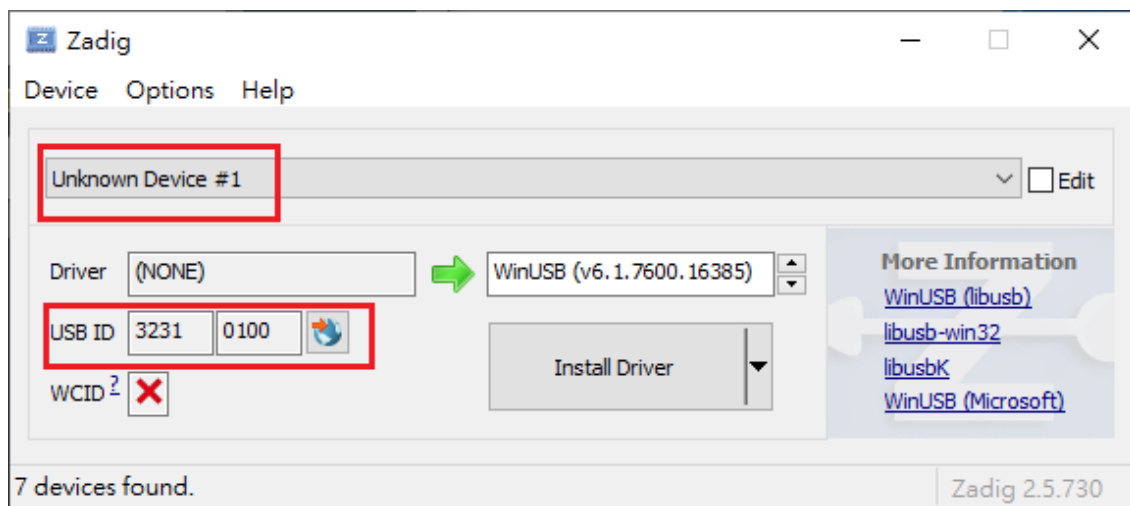
This document explains how-to install the driver manually.

The instruction is valid for Windows 10 version only.

1. Download **Zadig** application from zadig.akeo.ie appropriate for Windows 10.
2. Connect Kneron KL520 device to your PC.
3. Run the Zadig application.

The application should detect Kneron KL520 device as "**Unknown Device #1**" with USB ID "**3231/0100**"

and the screen should look like that:



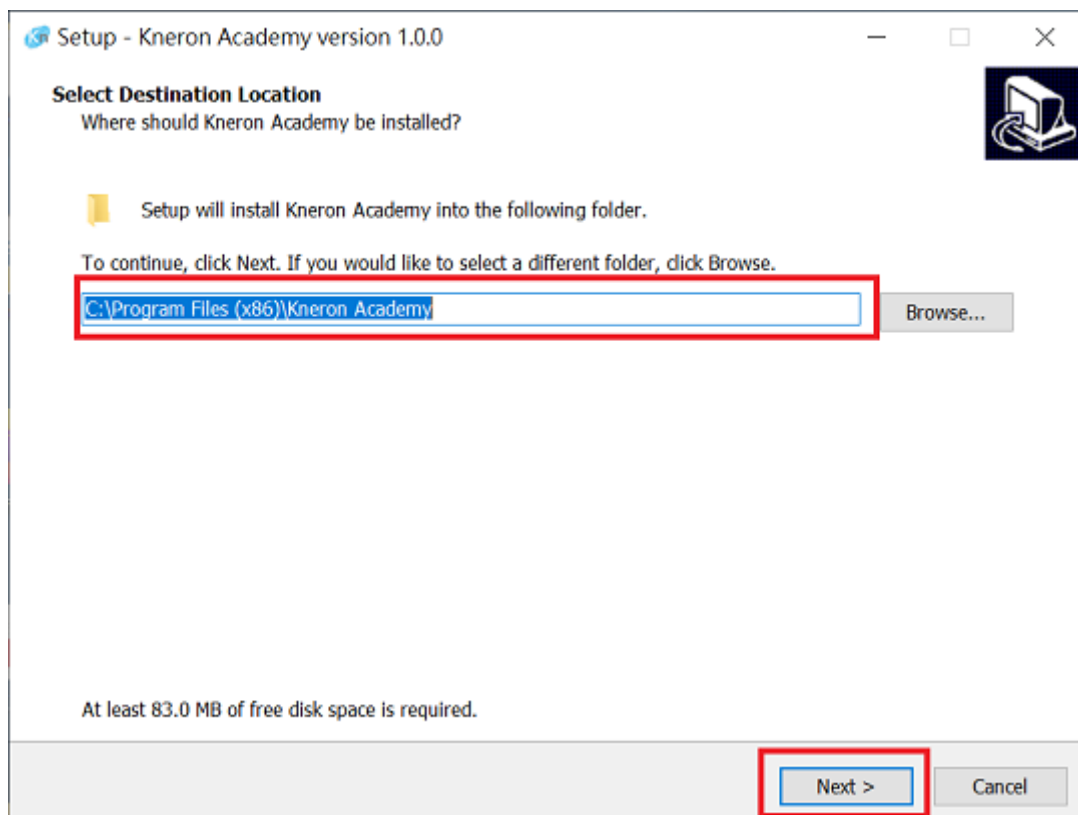
Make sure that the **Driver** field, has **WinUSB** option selected.

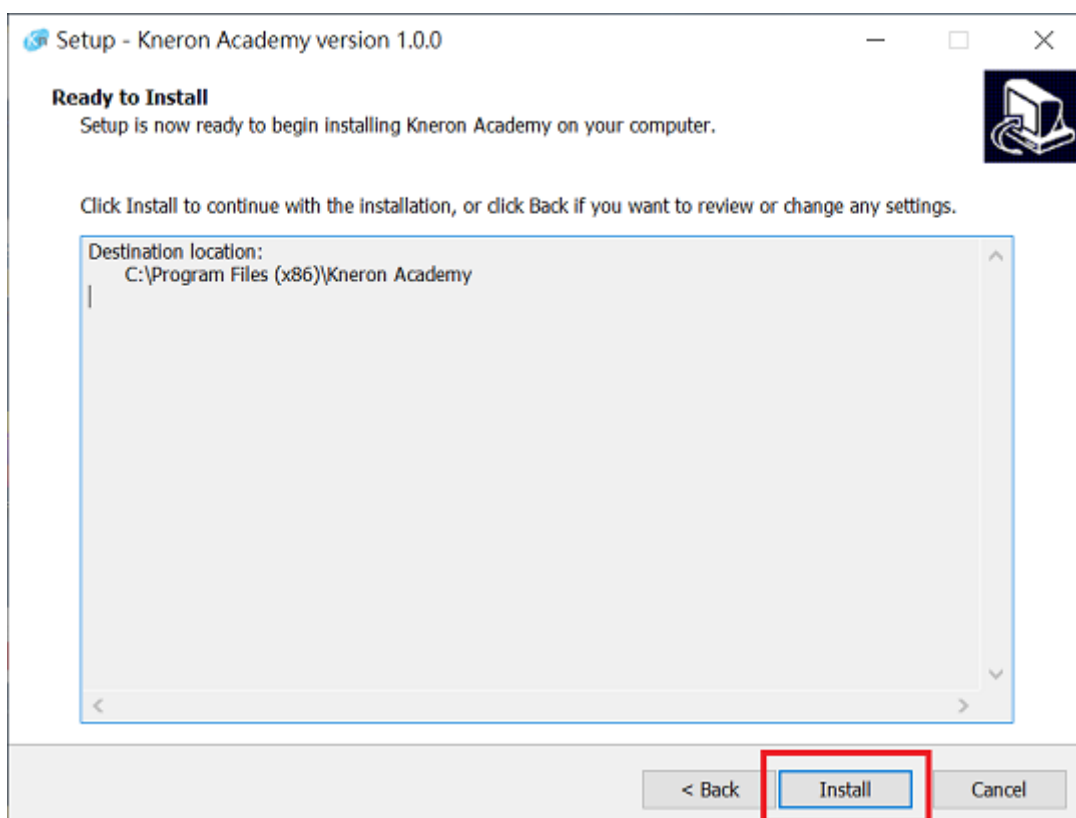
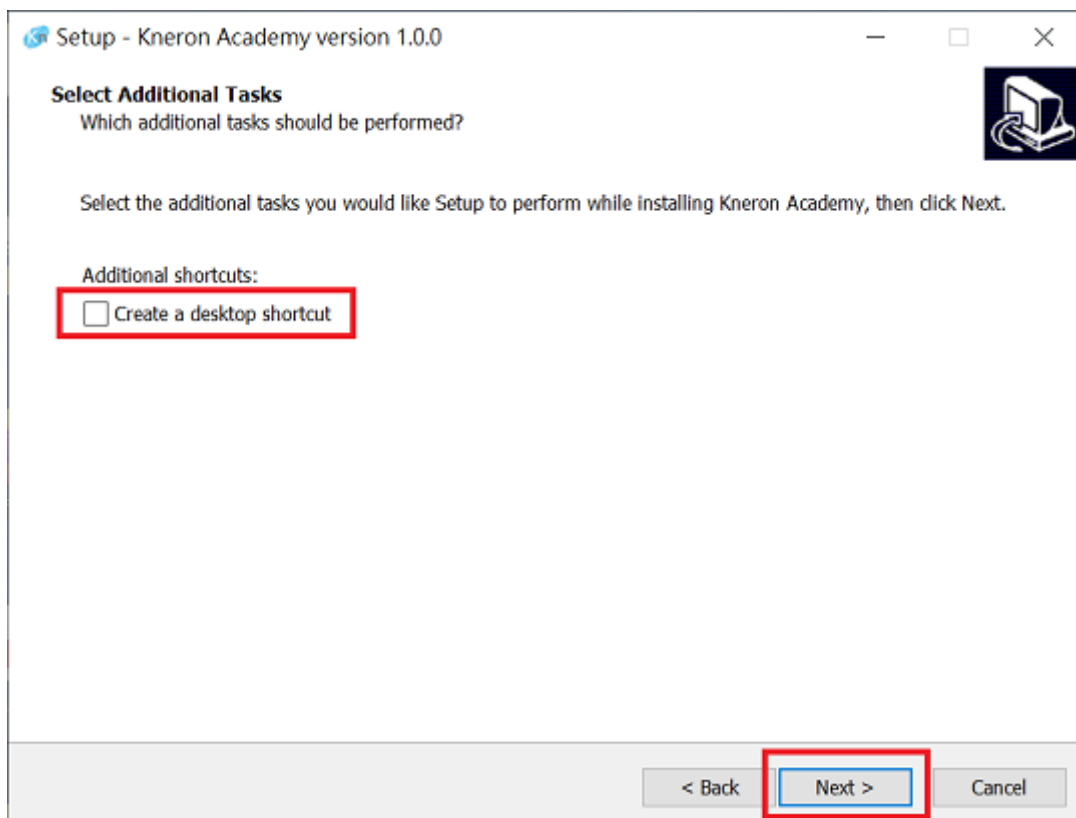
4. Click "Install Driver" button.

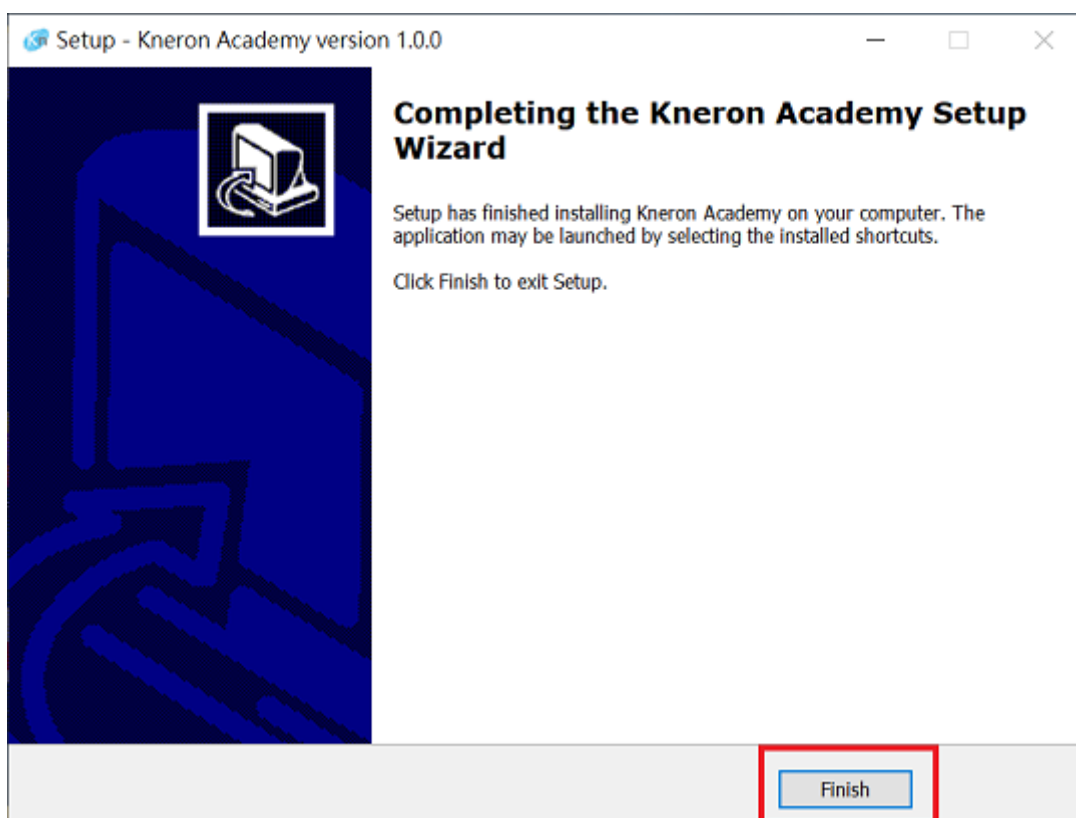
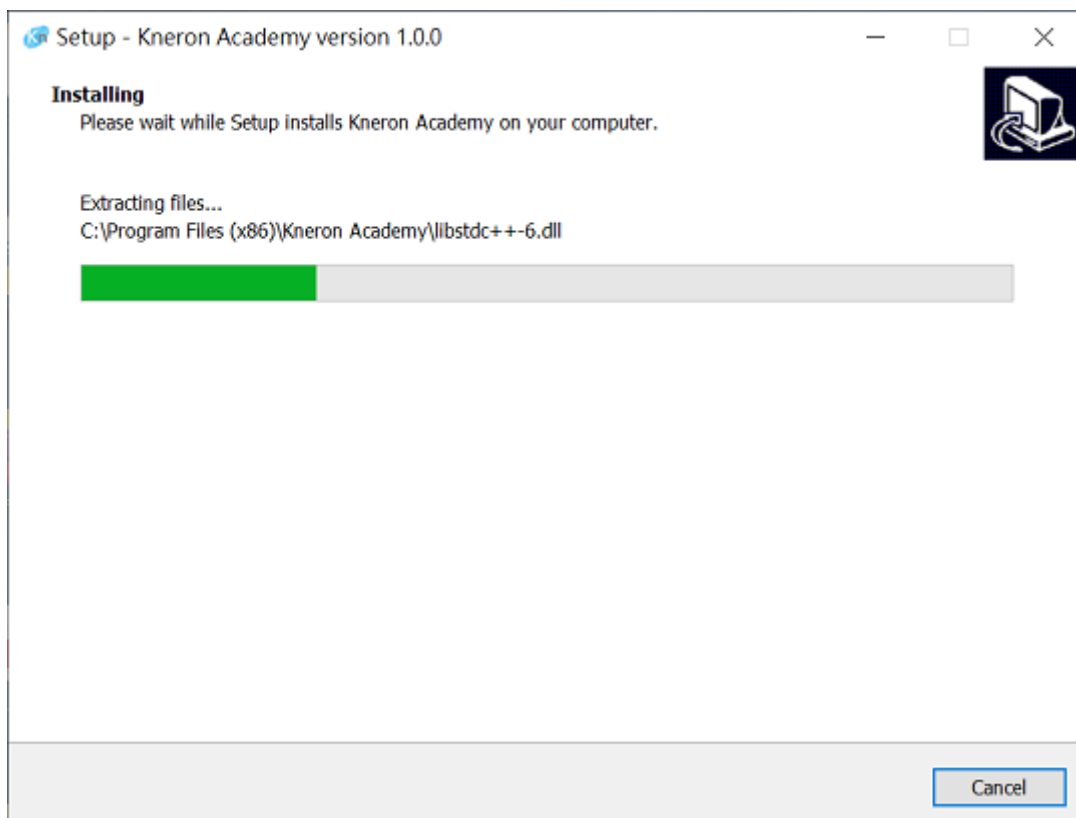
When installation process is finished, "**Unknown Device #1**" can be found in Windows Device Manager under **Universal Serial Bus Devices** tree node.

Installing Kneron Academy Application

1. Run `setup.exe` to start installer
2. Follow the instructions to finish the installation





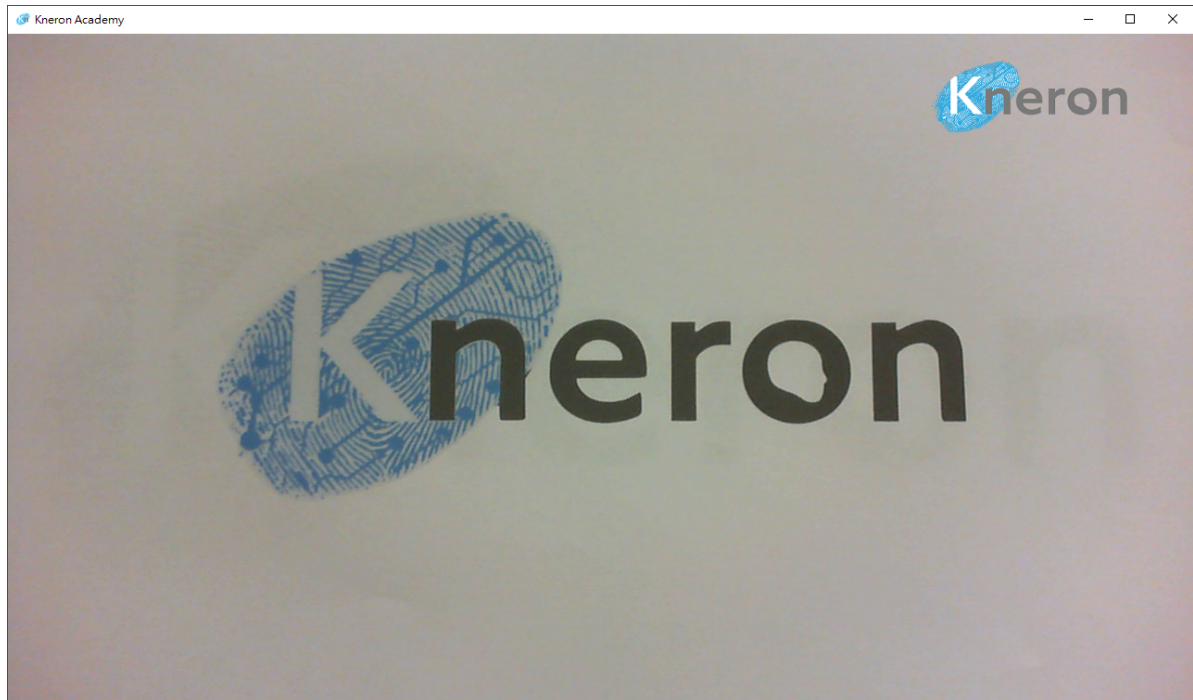


Uninstalling Kneron Academy

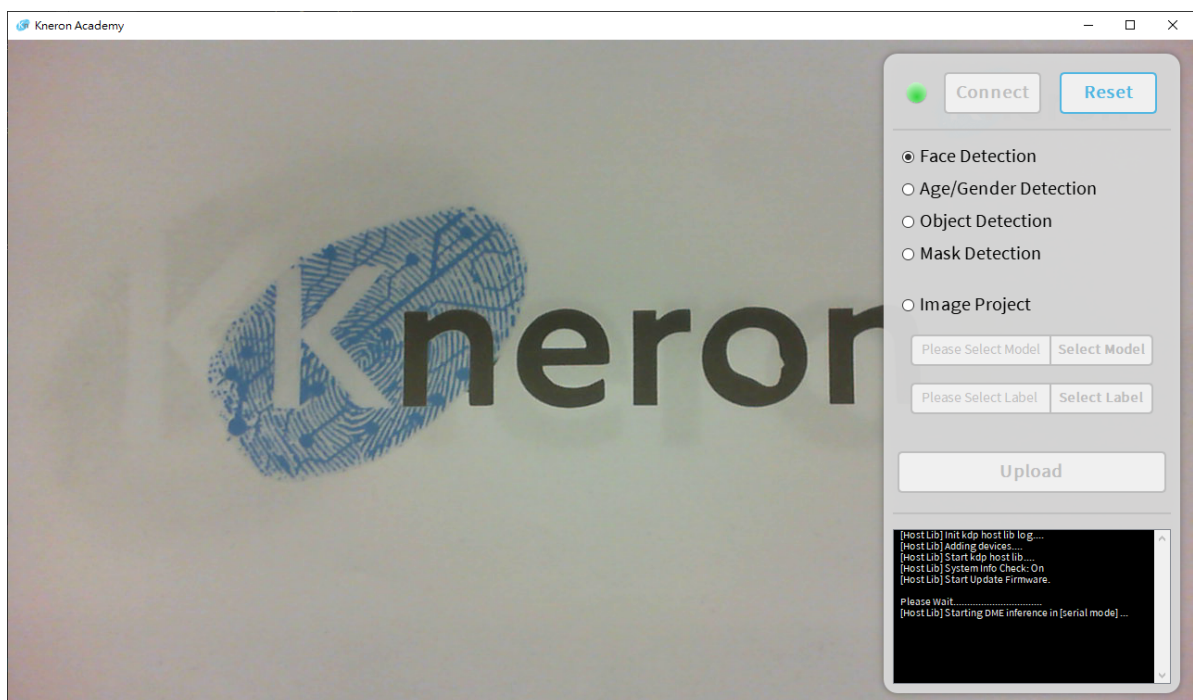
Run `setup.exe` again to uninstall **Kneron Academy**

Usage of Kneron Academy

1. Start **Kneron Academy** by clicking icon on desktop or double-click executable in installation path (default: `C:\Program Files (x86)\Kneron Academy\Kneron_Academy.exe`)



2. click **F12** to toggle Control Panel



3. Available controls:

- Click **Connect** to connect **Kneron KL520 Dongle**.
Note1: When connected, the red sign changes to green sign
Note2: The connecting procedure will takes several seconds
- Click **Reset** to reset **Kneron KL520 Dongle**.
- Check one of the applications and then click **upLoad** to see the application result.
*Note1: Check **Image Project** application to run converted model file, **ota_model.bin**, selected by clicking **Select Model***
*Note2: Support user defined class **Labels.txt** on **Image Project** application, upload **Labels.txt** by clicking **Select Label***

- A Console window showing information by **Kneron Academy** SDK core.