

## Decora Smart Z-Wave OTA Firmware Updater

### Description:

This document describes how to update the firmware in Decora Smart Z-Wave devices over the air, using a USB Z-Stick Firmware Updater.

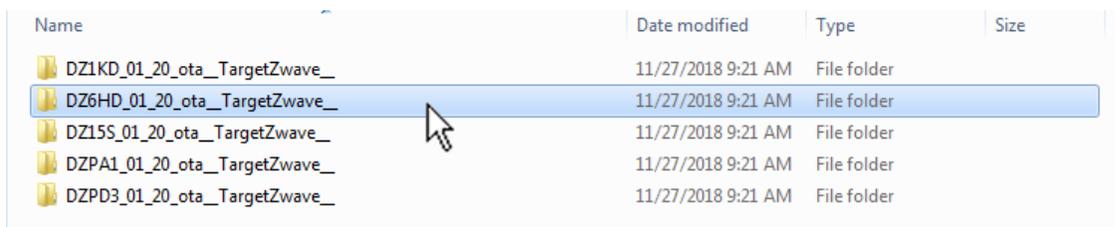
### Items Needed:

- 1) USB Z-Stick Firmware Updater
- 2) Decora Smart Z-Wave OTA update package for each device type to be updated:
  - a. DZ6HD
  - b. DZ1KD
  - c. DZ15S
  - d. DZPA1
  - e. DZPD3
- 3) Decora Smart Z-Wave devices that are already installed and enrolled into a Z-Wave Network, such as a Samsung SmartThings hub, Wink hub, or Leviton VRUSB
- 4) PC or laptop (running Windows 7, Windows 8, or Windows 10) with USB port

### Setup:

- 1) Download the update package for each type of device to be updated. Each update package contains a group of files that are specific to the device type.
- 2) Insert the Z-Stick into a USB port on the PC or laptop.
- 3) Select the update package for the device type to be updated. For example, if you are updating the Decora Smart DZ6HD Dimmer, select the **DZ6HD\_01\_20\_ota\_\_TargetZwave\_\_** package from the list.

**Note:** In the file name, “01\_20” signifies the firmware version (i.e. Version 01.20) of the update package.



Name	Date modified	Type	Size
DZ1KD_01_20_ota__TargetZwave__	11/27/2018 9:21 AM	File folder	
DZ6HD_01_20_ota__TargetZwave__	11/27/2018 9:21 AM	File folder	
DZ15S_01_20_ota__TargetZwave__	11/27/2018 9:21 AM	File folder	
DZPA1_01_20_ota__TargetZwave__	11/27/2018 9:21 AM	File folder	
DZPD3_01_20_ota__TargetZwave__	11/27/2018 9:21 AM	File folder	

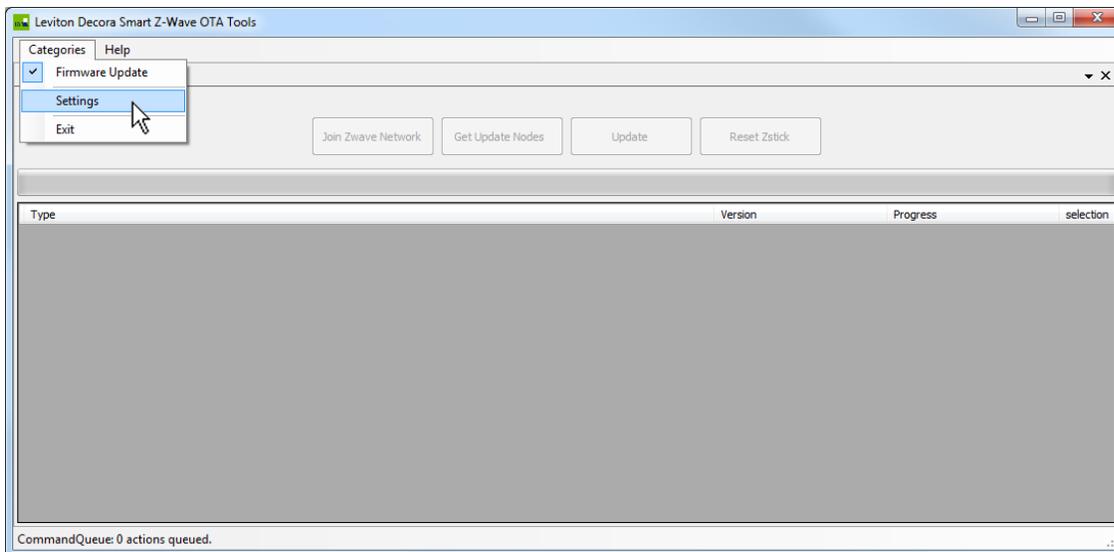
- 4) Open the containing folder for the update package for the selected device type.
- 5) Double-click on the executable file that corresponds with the device type to be updated. For example, if you are updating the Decora Smart DZ6HD Dimmer, double-click the **DZ6HD\_01\_20\_ota\_\_TargetZwave\_\_.exe** executable file.

6)

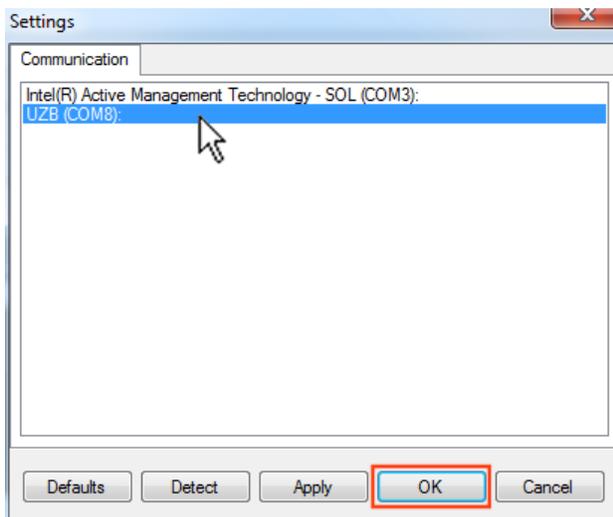
Z

Name	Date modified	Type	Size
Drives	11/27/2018 9:21 AM	File folder	
app.iconfile	11/22/2018 7:21 PM	ICONFILE File	35 KB
DZ6HD_01_20_ota_TargetZwave_.exe	11/22/2018 7:21 PM	Application	703 KB
WeifenLuo.WinFormsUI.Docking.dll	11/22/2018 7:21 PM	Application extens...	418 KB
Zensys.Framework.dll	11/22/2018 7:21 PM	Application extens...	46 KB
Zensys.Framework.UI.Controls.dll	11/22/2018 7:21 PM	Application extens...	48 KB
Zensys.Framework.UI.dll	11/22/2018 7:21 PM	Application extens...	775 KB
Zensys.ZWave.CommandClasses.dll	11/22/2018 7:21 PM	Application extens...	117 KB
Zensys.ZWave.dll	11/22/2018 7:21 PM	Application extens...	88 KB
Zensys.ZWave.SecurityCustomHAL.dll	11/22/2018 7:21 PM	Application extens...	96 KB
Zensys.ZWave.SerialPortApplication.dll	11/22/2018 7:21 PM	Application extens...	69 KB
Zensys.ZWave.SerialPortFrame.dll	11/22/2018 7:21 PM	Application extens...	14 KB

7) When the software tool opens, click **Categories** and then select **Settings** from the menu.



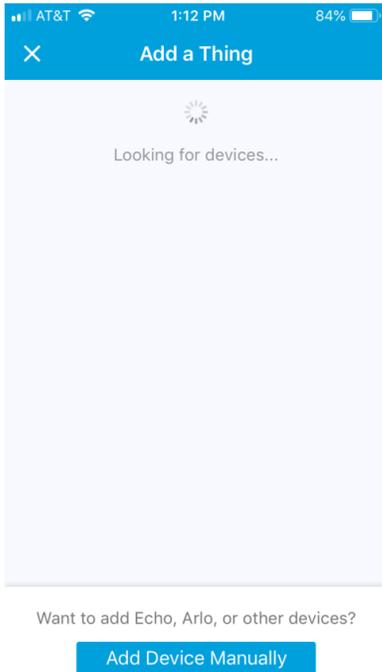
8) From the **Settings** dialog, select **USB** and then click **OK**.



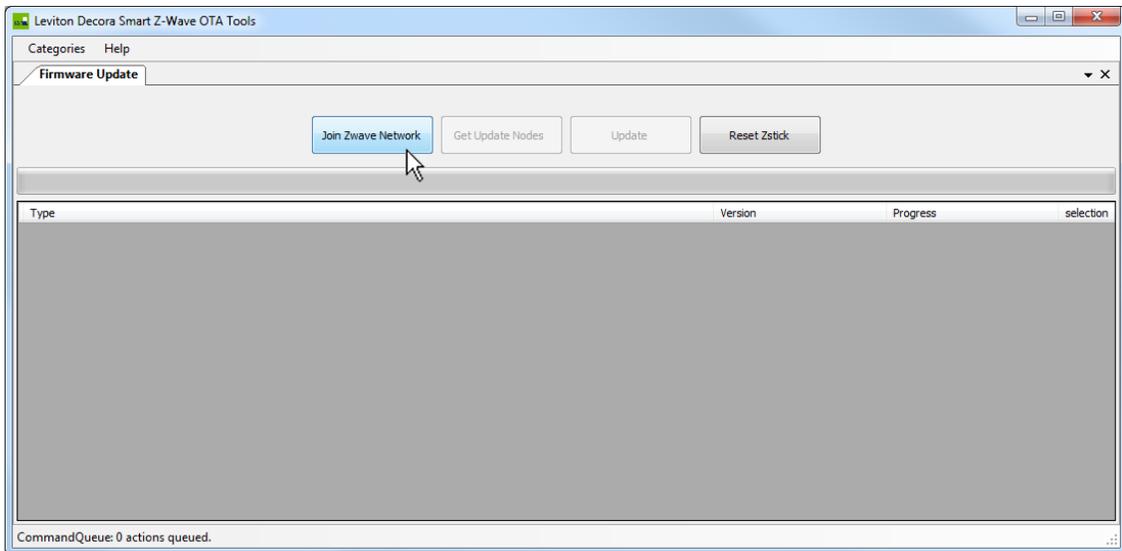
**Note:** If **USB** does not show up in the **Settings** dialog, you may need to load the USB drivers for the Z-Stick. Please refer to **Z-Stick USB Drivers** in this document.

9) The next steps involve joining the Z-Stick into the existing Z-Wave network.

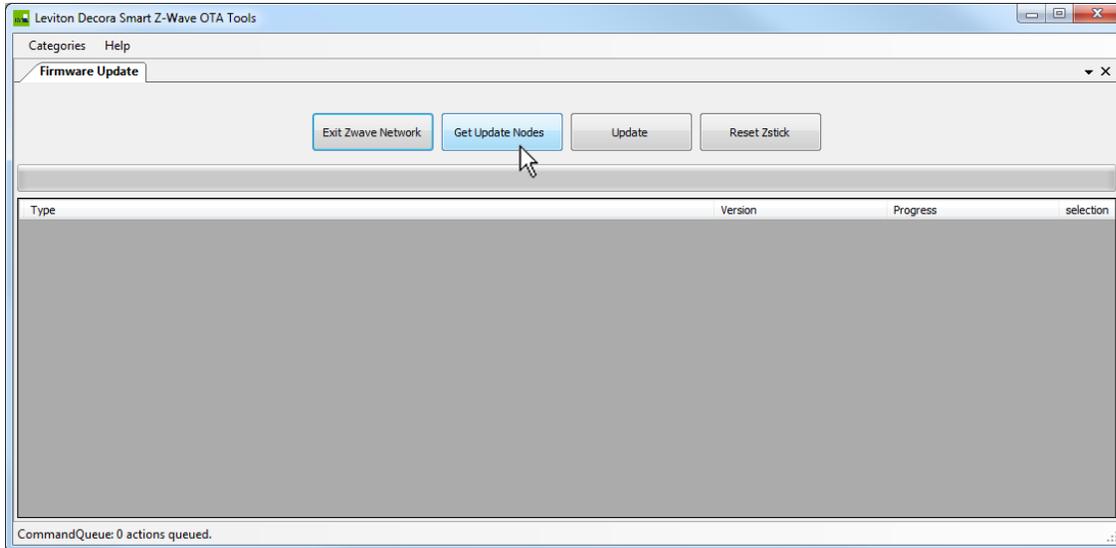
- a. From your existing Z-Wave controller, enter inclusion mode. For example, for a Samsung SmartThings, from the SmartThings app select **Add a Thing**:



- b. From the software tool, click **Join Zwave Network**.

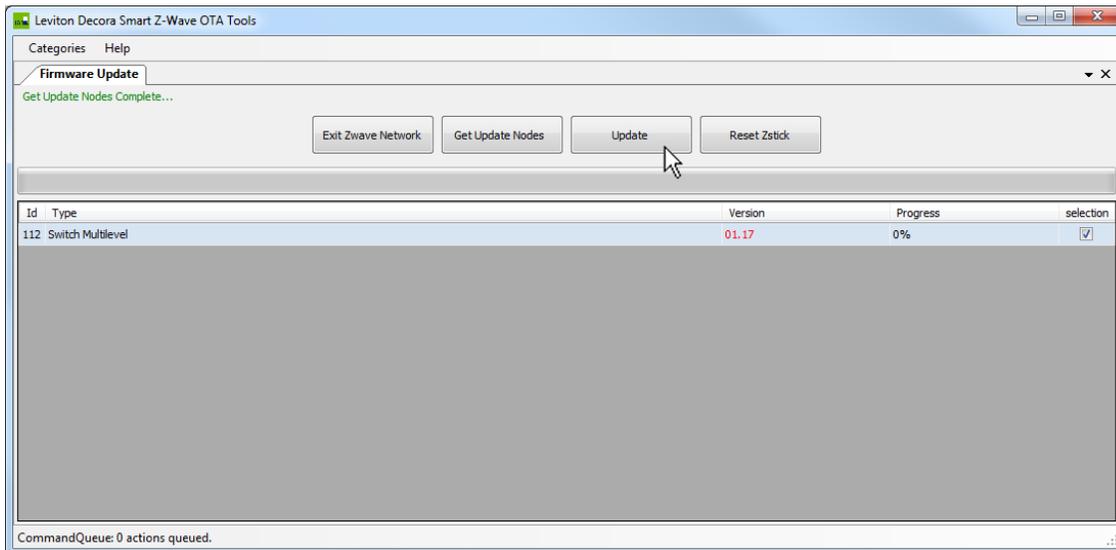


- 10) Once the Z-Stick has successfully joined the Z-Wave network, click the **Get Update Nodes** button to load all of the nodes for the respective device type that are currently joined to the Z-Wave Network.

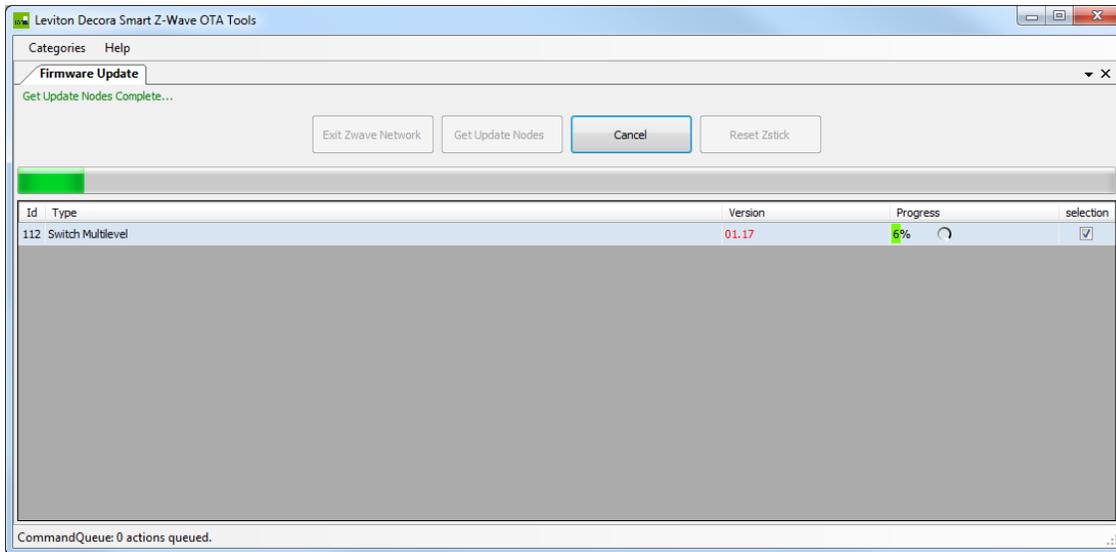


- 11) Once all of the nodes for the respective device type have been successfully loaded, they are displayed in the list, along with the Node **ID**, **Type**, and current Firmware **Version**.

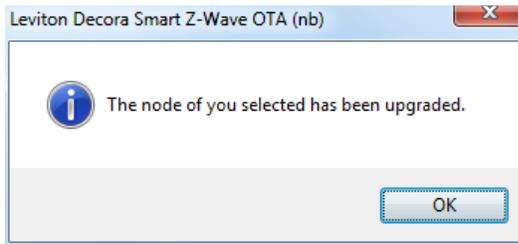
- 12) To update the firmware to the current version, ensure that the checkbox for each node is checked under the column labeled **Selection**, and then click the **Update** button.



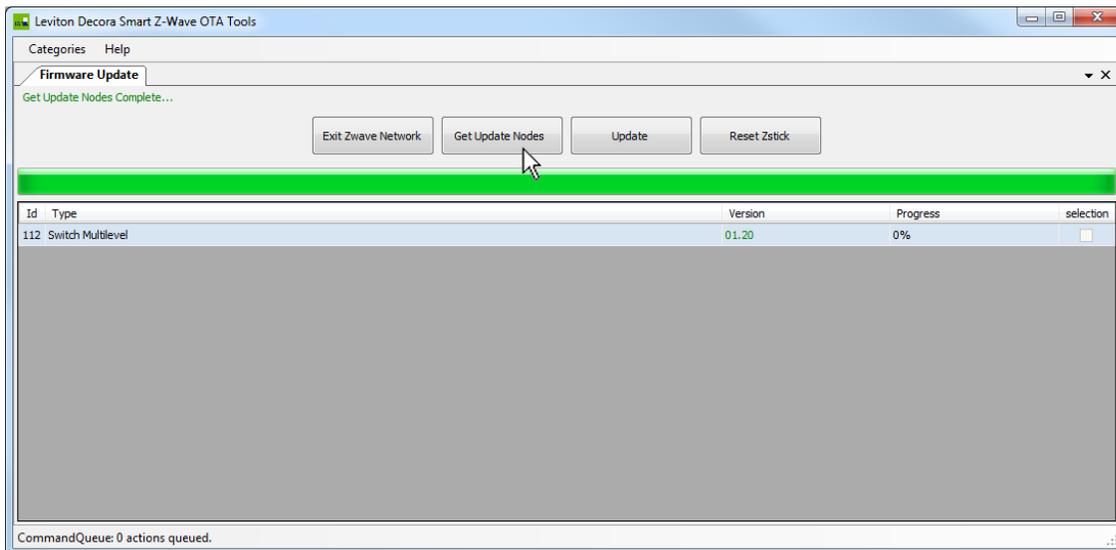
13) Each selected note will be updated. A status and **Progress** bar will show the progress.



14) When complete, you will be notified.



15) To view the updated nodes, click **Get Update Nodes** to view the nodes with the updated Firmware **Version**.



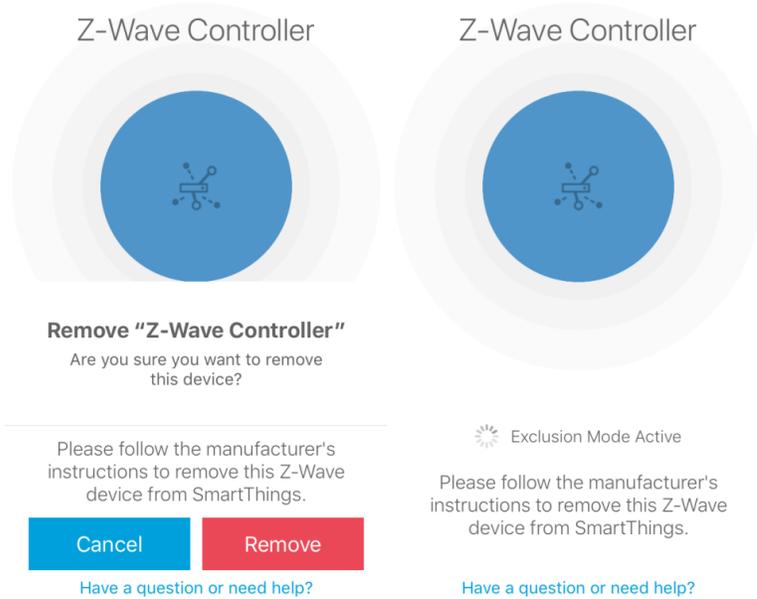
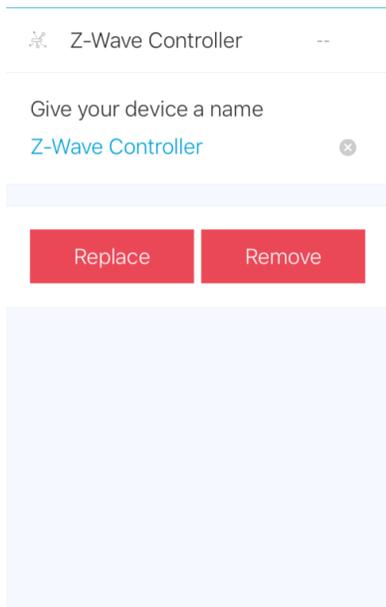
**Note:** You cannot select a node that has already been updated.

## Removing the Z-Stick from the Network

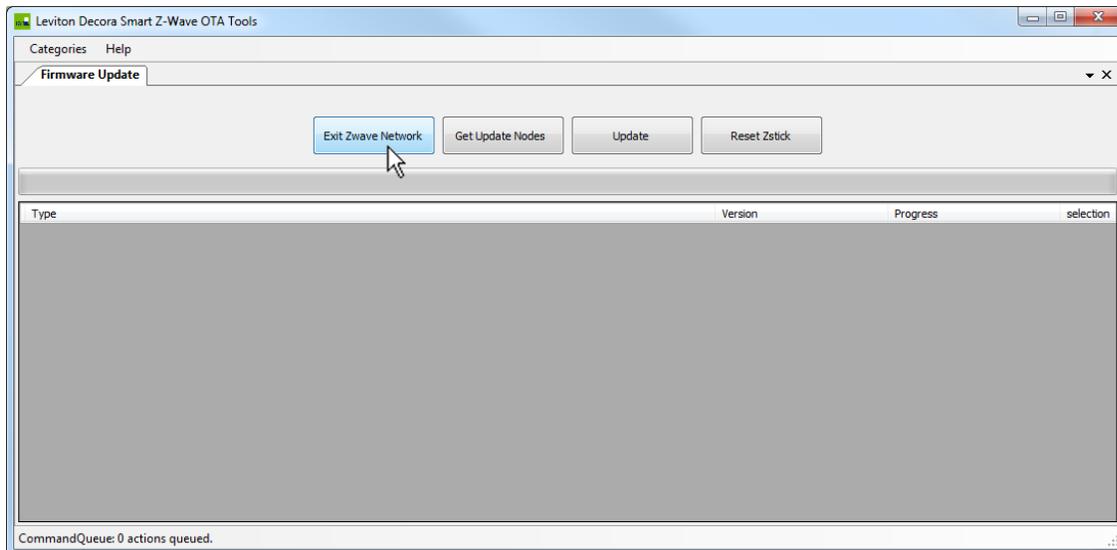
After all Decora Smart devices on the network have been updated, the Z-Stick can be removed from the current network so that it can be used to update devices on a different Z-Wave Network.

To remove the Z-Stick from the Z-Wave Network:

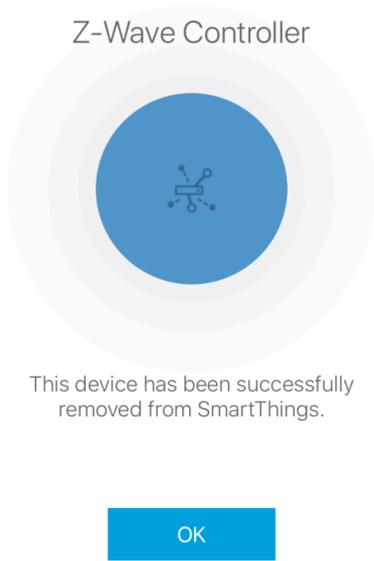
- 1) Start the exclusion process on the current Z-Wave controller. For example, on a Samsung SmartThings, start the exclusion process by pressing **Remove**.



- 2) From the software tool, click **Exit Zwave Network**.



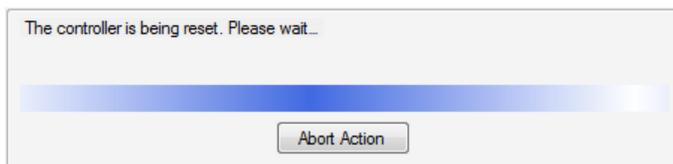
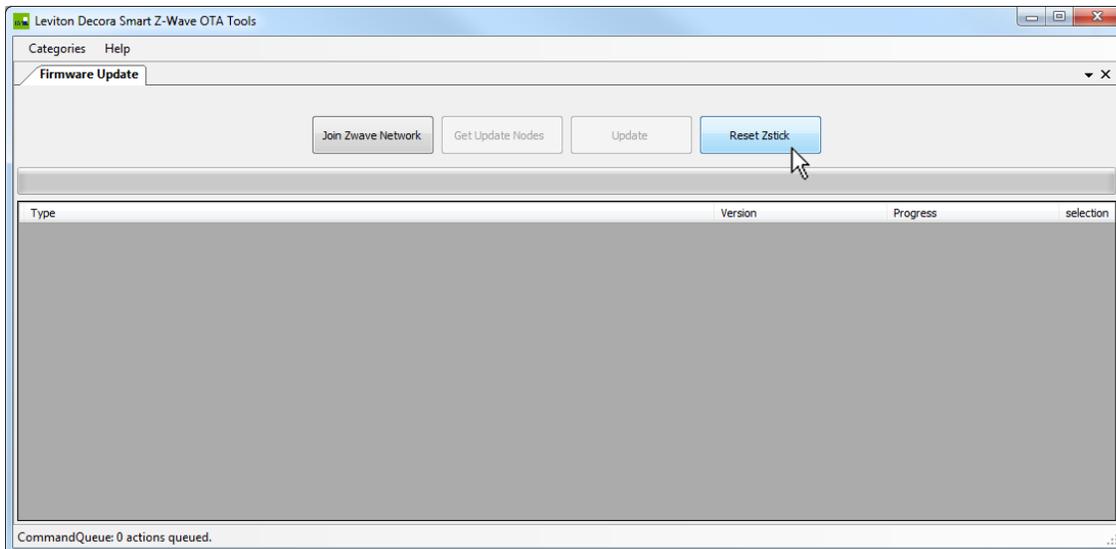
3) Confirm that the Z-Stick has been removed from the network.



### Using the Z-Stick on a Different PC or Laptop

When using the Z-Stick on a different PC or laptop, it must first be reset.

1) To reset the Z-Stick, from the software tool, click **Reset Zstick**.



## Z-Stick USB Drivers

If **UZB** does not show up in the **Settings** dialog, you may need to load the USB drivers for the Z-Stick.

- 1) The USB drivers are contained within each of the update packages in a folder named **Drives**.

Name	Date modified	Type	Size
Drives	11/27/2018 9:21 AM	File folder	
app.iconfile	11/22/2018 7:21 PM	ICONFILE File	35 KB
DZ6HD_01_20_ota__TargetZwave__exe	11/22/2018 7:21 PM	Application	703 KB
WeifenLuo.WinFormsUI.Docking.dll	11/22/2018 7:21 PM	Application extens...	418 KB
Zensys.Framework.dll	11/22/2018 7:21 PM	Application extens...	46 KB
Zensys.Framework.UI.Controls.dll	11/22/2018 7:21 PM	Application extens...	48 KB
Zensys.Framework.UI.dll	11/22/2018 7:21 PM	Application extens...	775 KB
Zensys.ZWave.CommandClasses.dll	11/22/2018 7:21 PM	Application extens...	117 KB
Zensys.ZWave.dll	11/22/2018 7:21 PM	Application extens...	88 KB
Zensys.ZWave.SecurityCustomHAL.dll	11/22/2018 7:21 PM	Application extens...	96 KB
Zensys.ZWave.SerialPortApplication.dll	11/22/2018 7:21 PM	Application extens...	69 KB
Zensys.ZWave.SerialPortFrame.dll	11/22/2018 7:21 PM	Application extens...	14 KB
Zensys.ZWave.SerialPortSession.dll	11/22/2018 7:21 PM	Application extens...	13 KB
Zensys.ZWave.SerialPortTransport.dll	11/22/2018 7:21 PM	Application extens...	18 KB
Zensys.ZWave.ZWaveHAL.dll	11/22/2018 7:21 PM	Application extens...	87 KB
ZWave_custom_cmd_classes.xml	11/22/2018 7:21 PM	XML Document	626 KB

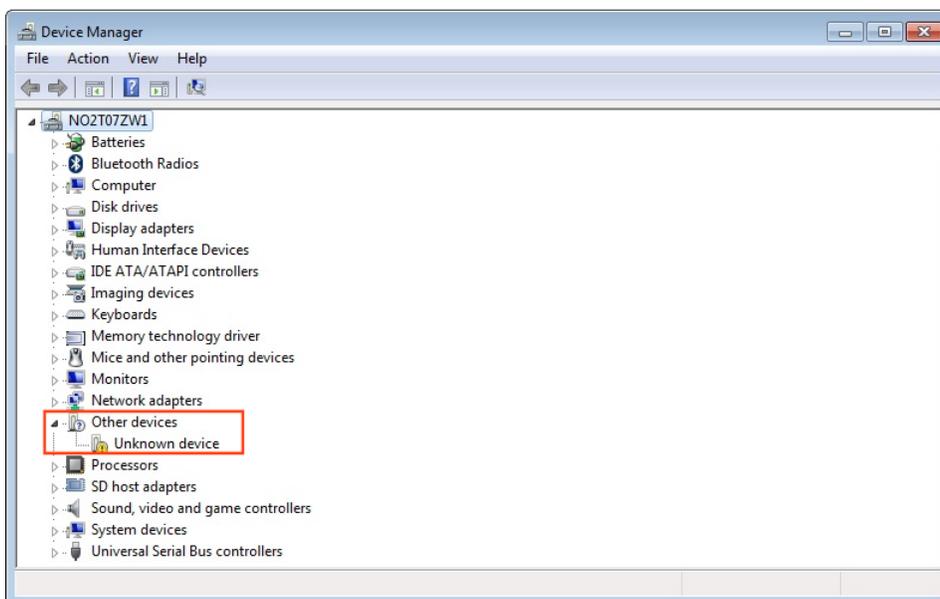
  

Name	Date modified	Type	Size
ZW050x_USB_VCP_PC_Driver	11/27/2018 9:21 AM	File folder	

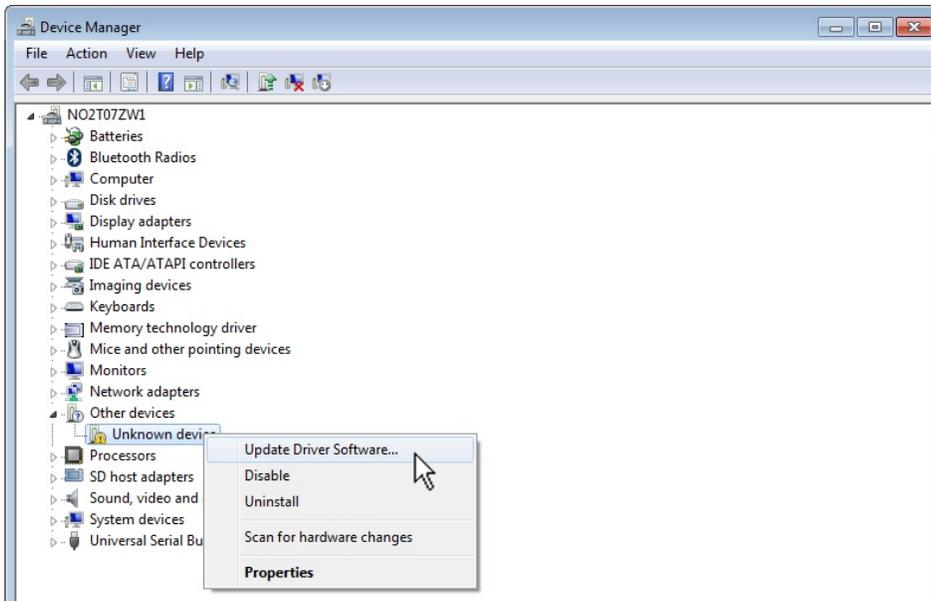
  

Name	Date modified	Type	Size
uzb.cat	11/22/2018 7:21 PM	Security Catalog	9 KB
uzb.inf	11/22/2018 7:21 PM	Setup Information	1 KB

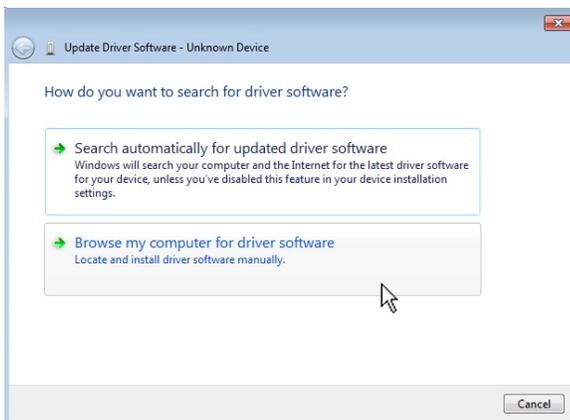
- 2) In the Windows Device Manager, look for the **Unknown device** under **Other devices**.



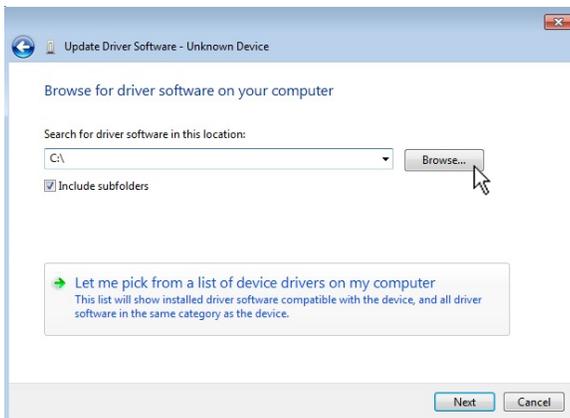
3) Right-click on the **Unknown device** and select **Update Driver Software...** from the menu



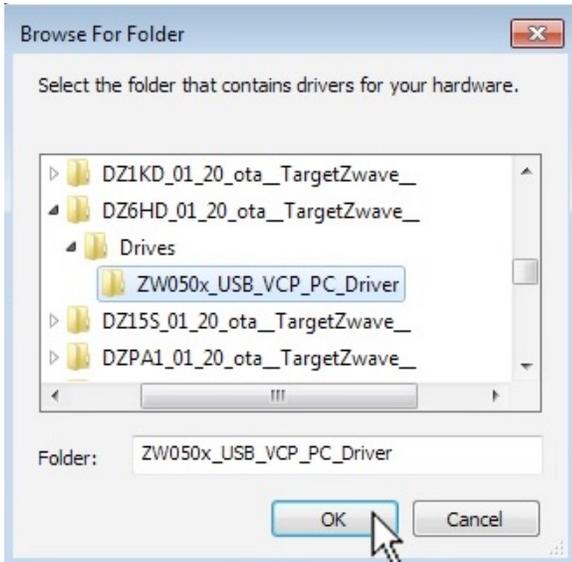
4) Click on the **Browse my computer for driver software** button.



5) On the **Update Device Driver Software** dialog, click the **Browse** button.

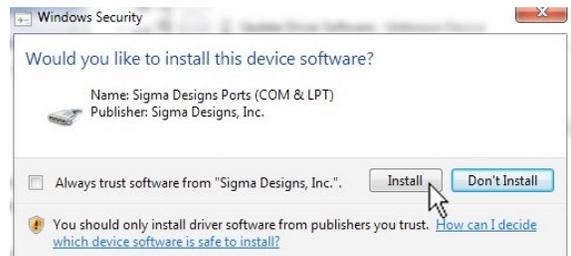
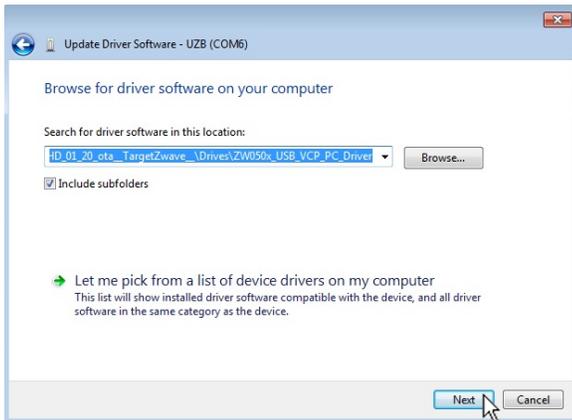


- 6) Browse to the **ZW050x\_USB\_VCP\_PC\_Driver** folder that is in the **Drives** folder for one of the update packages and click **OK**.



- 7) On the **Update Device Driver Software** dialog, click the **Next** button.

- 8) On the **Windows Security** dialog, click **Install**.



- 9) The driver software will install and complete.

