ID Lock

Z-Wave Module

Firmware Update Guide

ENGLISH

V1.2 EN 19-06-24

Prerequisites

To upgrade your Z-Wave module you need the following:

1. An ID Lock electronic door lock
2. An ID Lock Z-Wave module
3. ID Lock Z-Wave firmware file (hex-file)
4. SiLabs Z-Wave PC Controller 5 (registration required to download developer tool)
5. Z-Wave UZB controller (i.e. Aeontec Gen5 UZB)
6. A computer running Windows 10 with at least 1 USB port

To update the Z-Wave module it must be excluded from your existing Z-Wave network. Please refer to the Z-Wave manual on idlock.no/kundesenter and your Z-Wave controller guide for details on how to exclude a door lock from your network.

Before inclusion we recommend you replace your batteries with 8 new LR06 batteries to ensure nothing goes wrong during the OTA (Over The Air) upgrade.

The Z-Wave firmware hex-file is available on idlock.no/kundesenter. Look for them in the Z-Wave section on the right side.

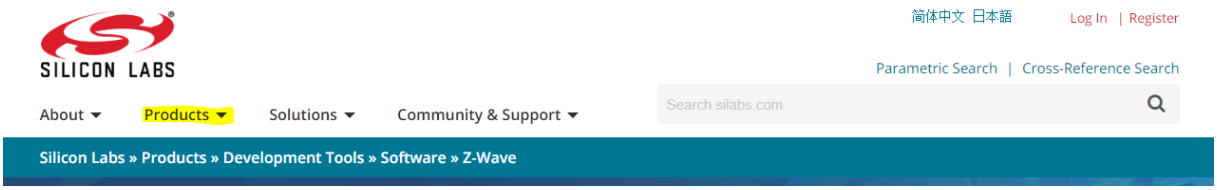
Contents

WARNING!

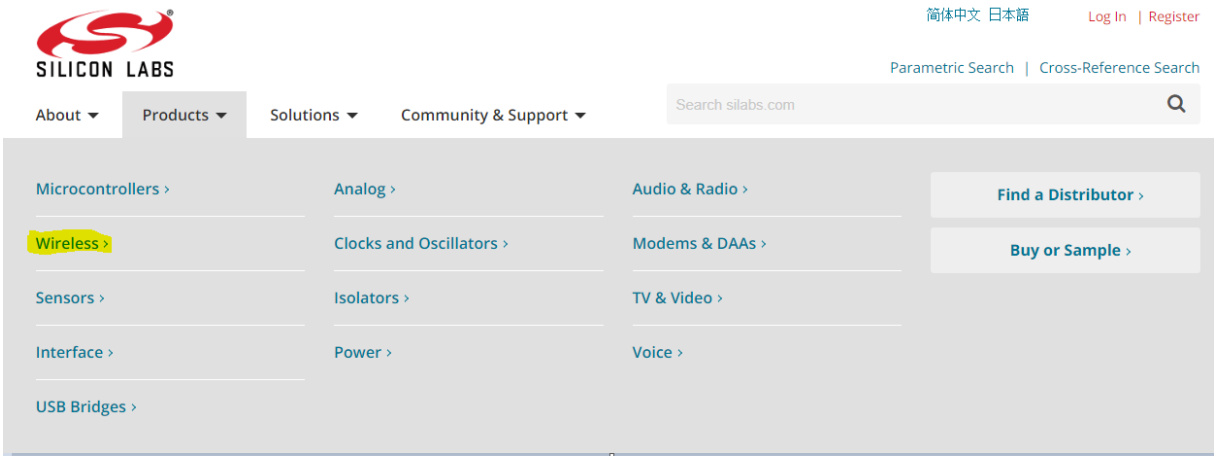
Updating the Z-Wave Module is at own risk and without any warranties. ID Lock is not responsible for any faults that may occur during the update process.

Access to software

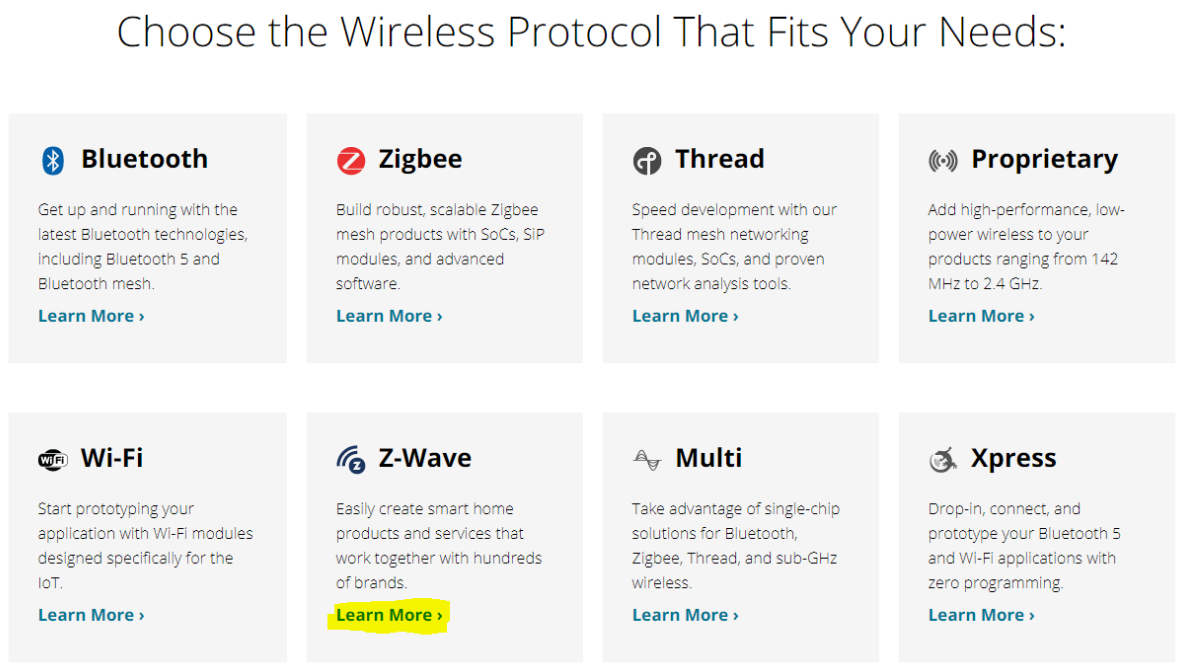
To get access to SiLabs Z-Wave PC Controller software enter SiLabs webpage on silabs.com and press on the Products menu (marked yellow):



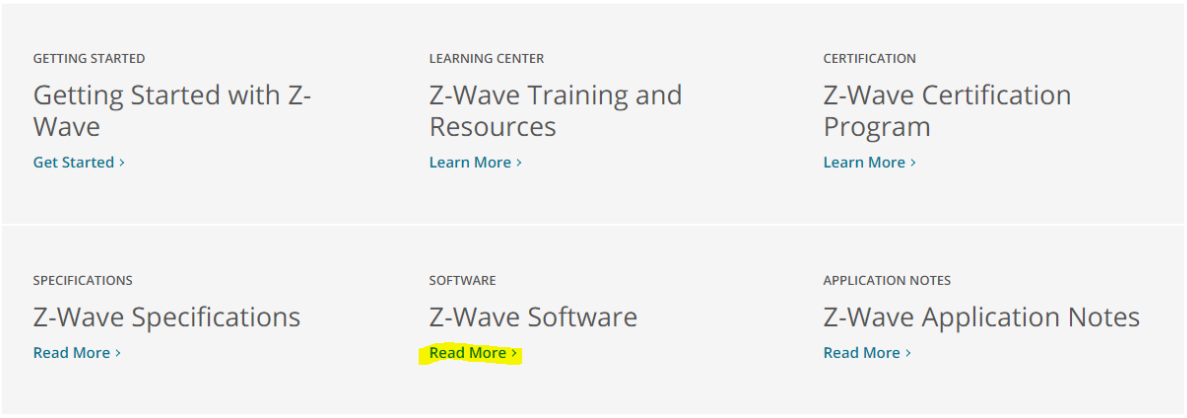
Press then on Wireless > (marked yellow):



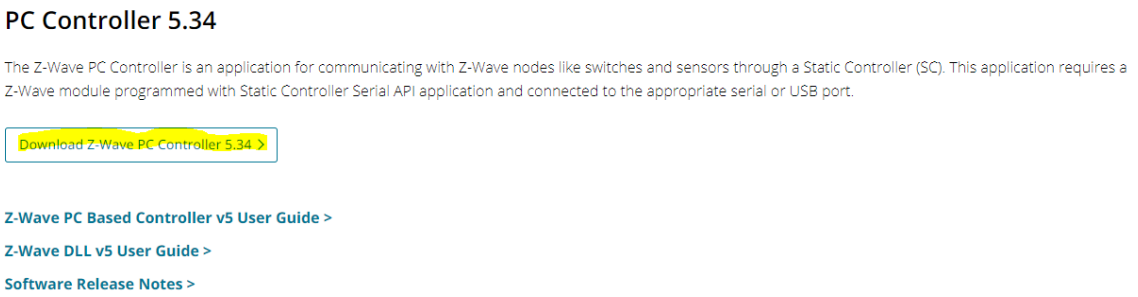
Scroll down and press "Learn more >" below the Z-Wave section (marked yellow):



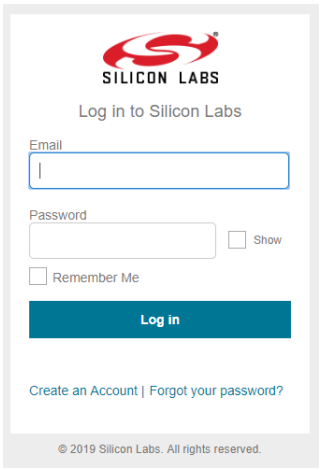
Scroll down and press "Read more >" below the Z-Wave Software section (marked yellow):



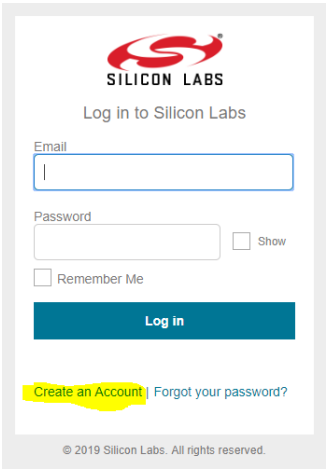
Scroll down to PC Controller and press the button "Download Z-Wave PC Controller >" (Marked yellow in picture below):



Enter your credentials and Login (A) or Press below Login button to create an account:



A



B

After download, install the software.

NOTE!

SiLabs Z-Wave PC Controller is a developer tool without any warranties. Please be advised of SiLabs requirements for downloading the file and how to use the software.

Embedded SDK must be downloaded prior to PC Controller.

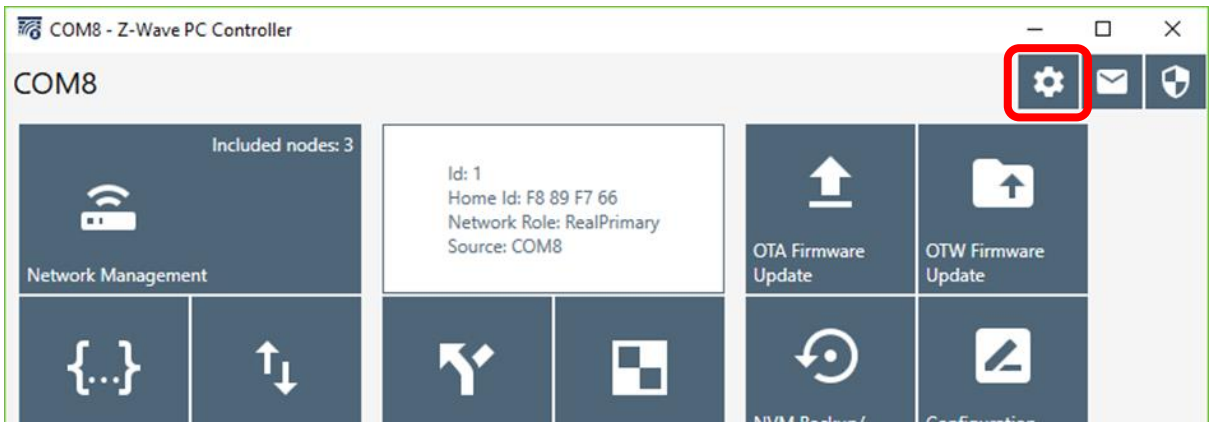
How to update your device:

Exclude the door lock from your controller (follow the instructions from your controller supplier)

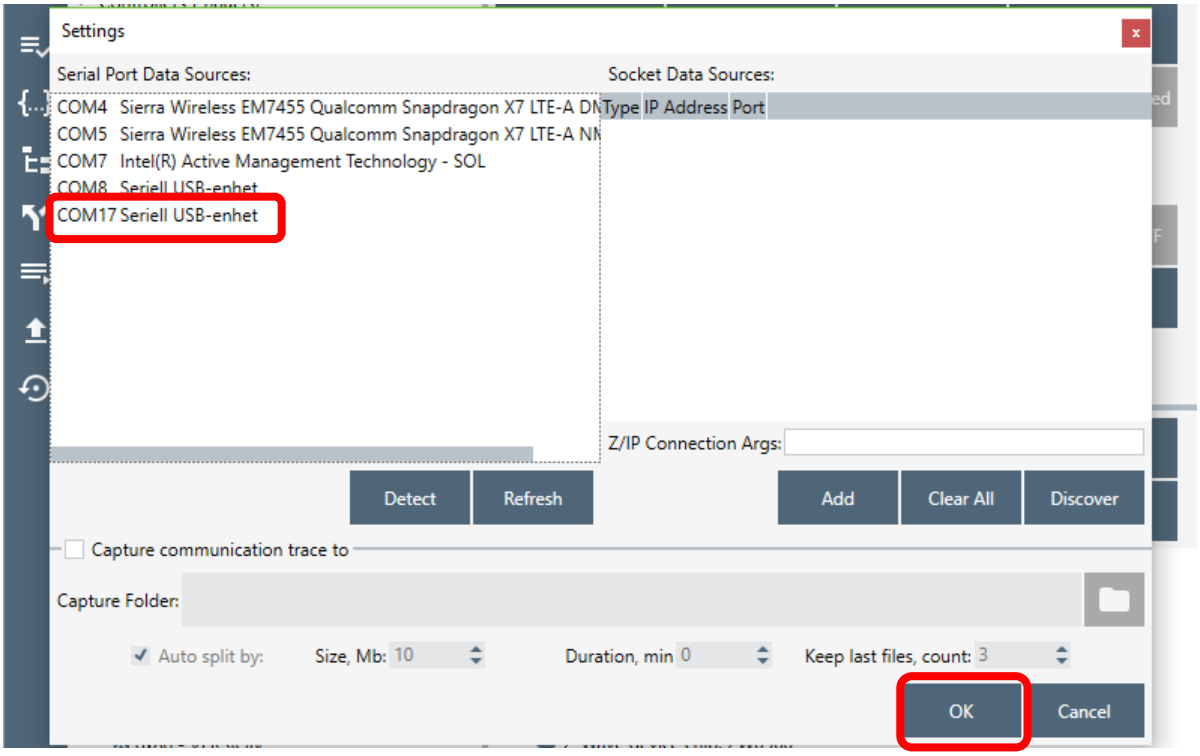
Insert the Z-Wave UZB controller to a USB port on your computer

Start SiLabs PC Controller 5

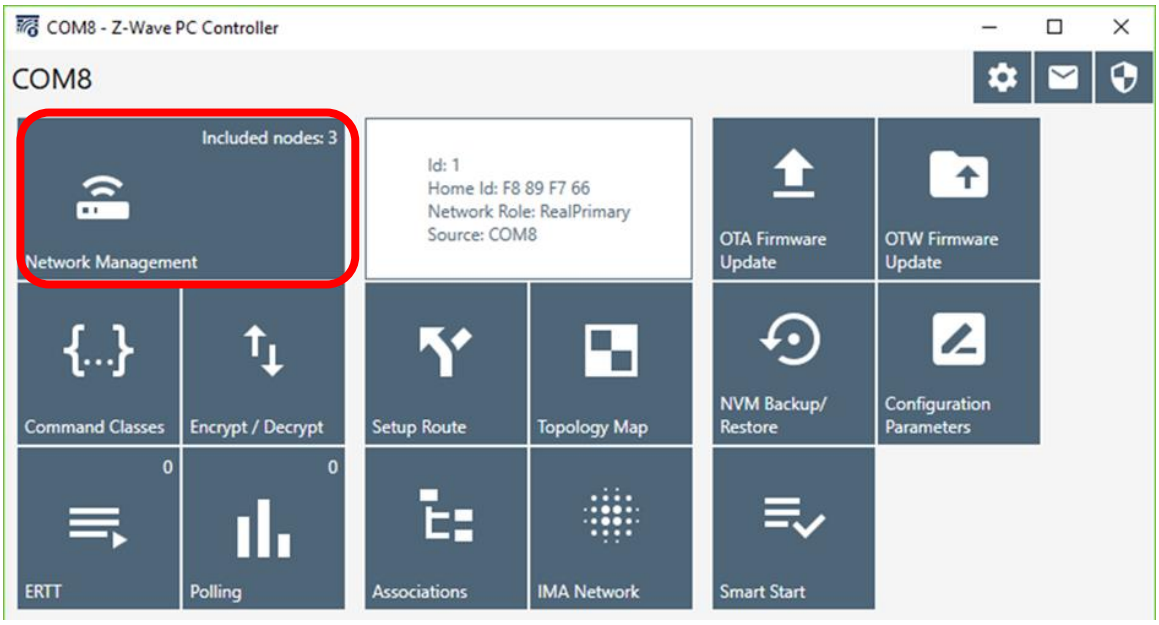
Click on Settings (the gear icon in the top right corner)



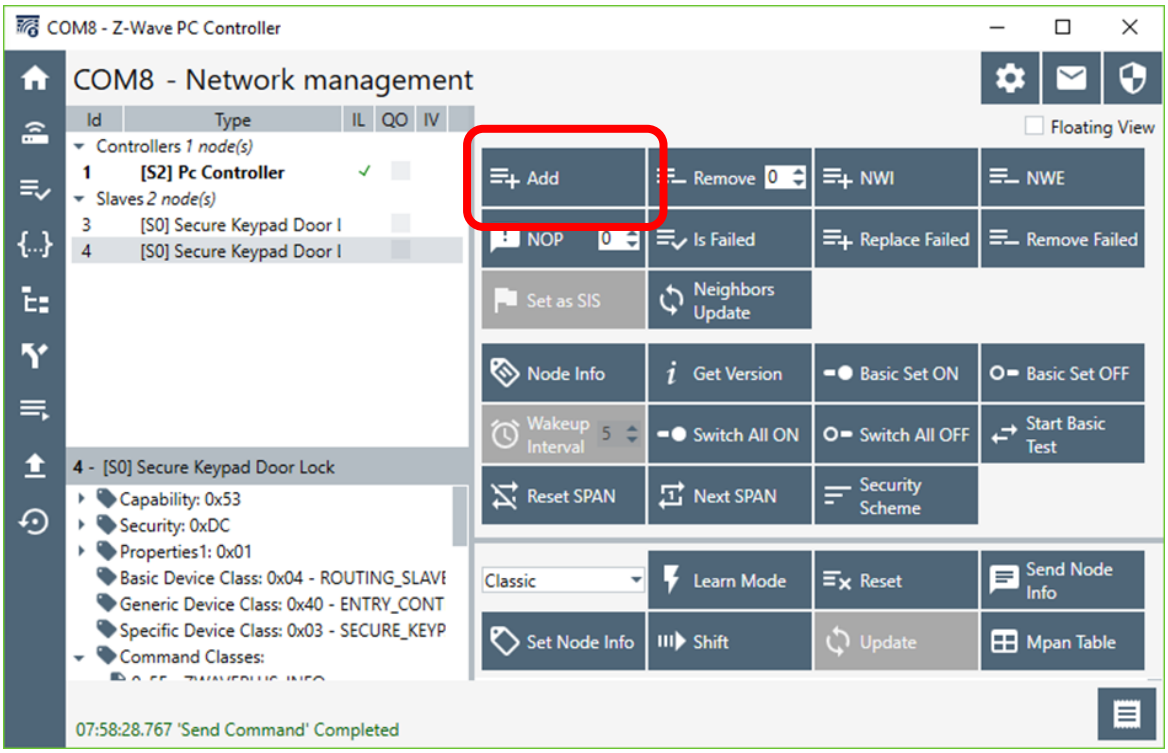
Check the recognized UZB controller on the list in the dialog window and click OK. If there's nothing there, click DETECT and then REFRESH. If the UZB controller still doesn't show up, you may need to install special drivers so please contact the manufacturer of the device for instructions.



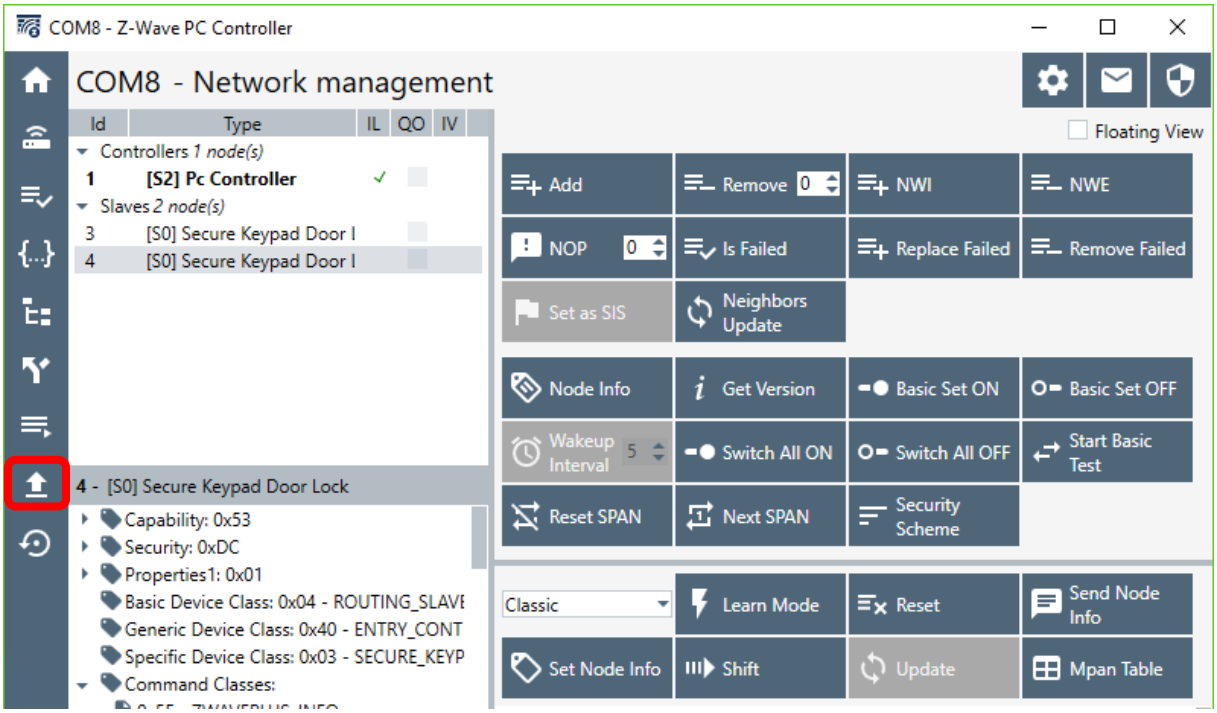
Click **Network Management**



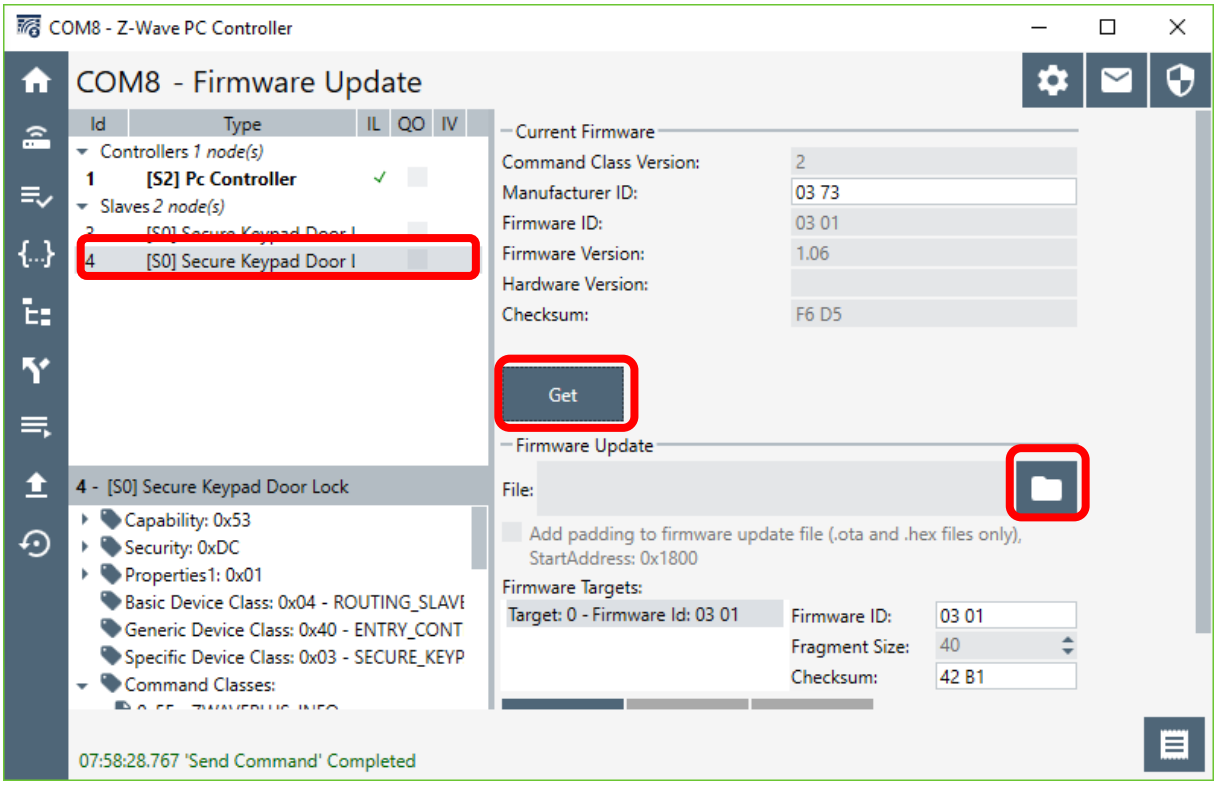
Click **ADD** to enroll the UZB controller in inclusion mode, then **activate inclusion mode on your door lock (please refer to the Z-Wave manual for how to do this)**



After a successful inclusion, click ARROW UP ICON to get to the update screen.

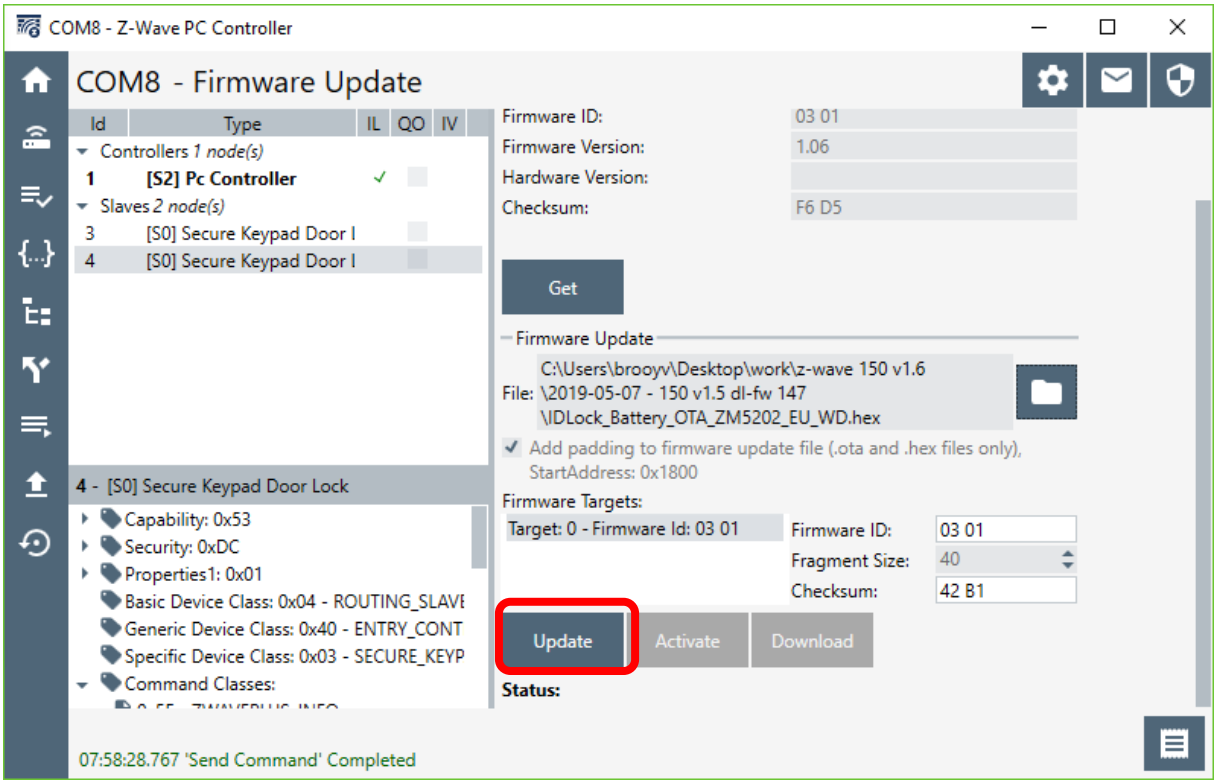


Check the added **[S0] Secure Keypad Door Lock** and click the **GET** button



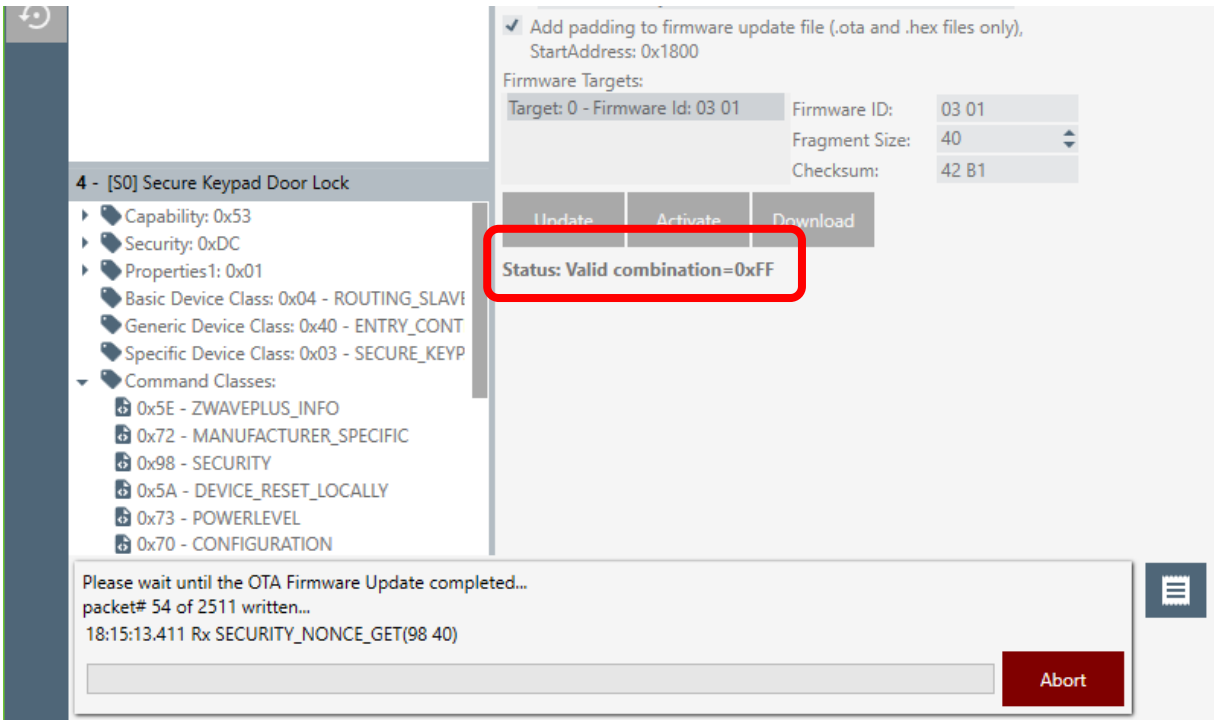
Click on the **FOLDER** button to select the downloaded hex-file.

Click on the **UPDATE** button to start update.

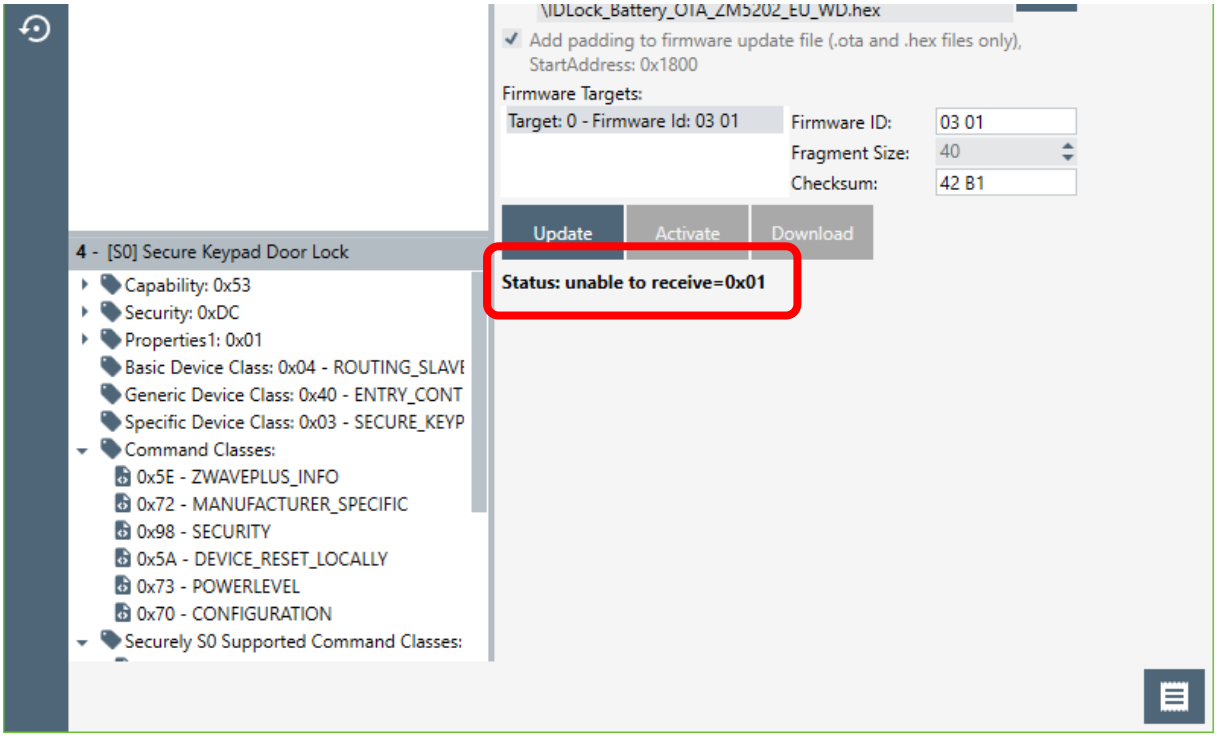


An update process may take a while, up to 15 minutes is quite normal.

Verify the process status. If correct, the status should always show: **Valid combination=0xFF**



If the update process fails or is aborted the status shows: **Unable to receive=0x01**



NOTE!

After an update of the Z-Wave module it *may* be required to perform a Z-Wave local reset and a factory reset of your door lock before including it in a new Z-Wave network.