

USER MANUAL

DAPHNIS-I UPDATER

PC TOOL FOR DAPHNIS-I

VERSION 1.0

FEBRUARY 23, 2024

WÜRTH ELEKTRONIK MORE THAN YOU EXPECT

Revision history

Manual version	SW version	Notes	Date
1.0	1.0.0	<ul style="list-style-type: none">• First release.	February 2024

* Please also check the chapter `Software history`.

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1 Daphnis-I Updater tool

It is recommended to download the firmware update image and the updater tool from the Daphnis-I homepage in the *Daphnis-I specific area for software downloads*.

Requirements for running the PC tool:

- Windows 10
- .NET 6.0 or newer (download available via Microsoft Homepage and in the Windows Features section)
- A folder with write and read access for the current user.

Steps to update the firmware using the tool:

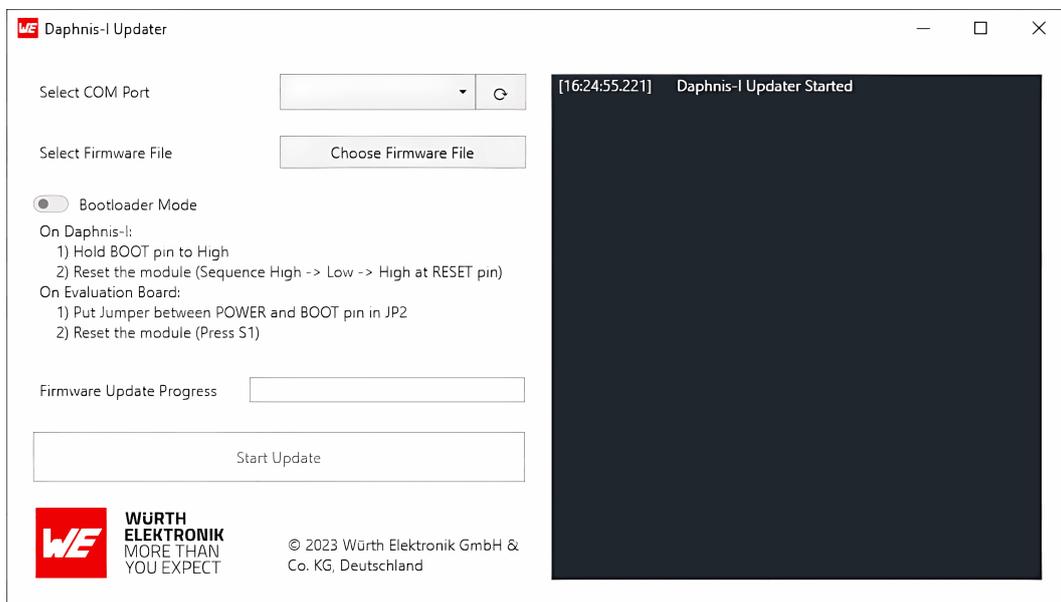


Figure 1: Daphnis-I Updater

1. Unzip the contents of the updater tool zip to any folder on your hard drive with read and write access. Network paths are not allowed.
2. Execute the GUI tool named Daphnis-I Updater.exe.
3. Select the COM port of Daphnis-I.
4. Choose the firmware update image (sfb file).
5. Follow the steps to put the module into bootloader mode according to the tool and after that set it to on.
6. The start update button should now be enabled, click it to start the update.
7. The log on the right should show a green success message, if the update was successful or a red failure message if the update failed.

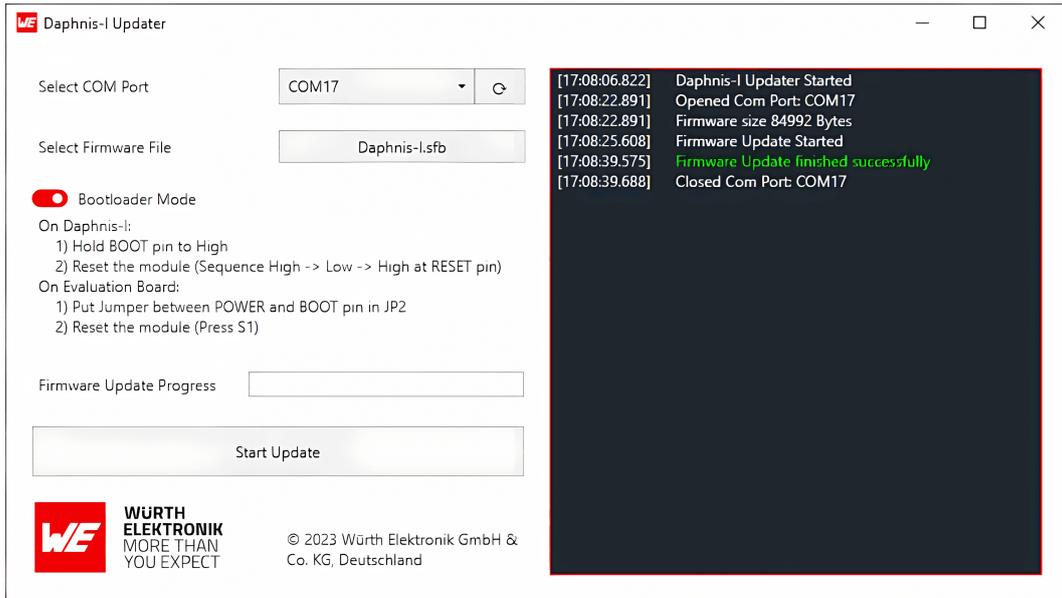


Figure 2: Daphnis-I Updater success

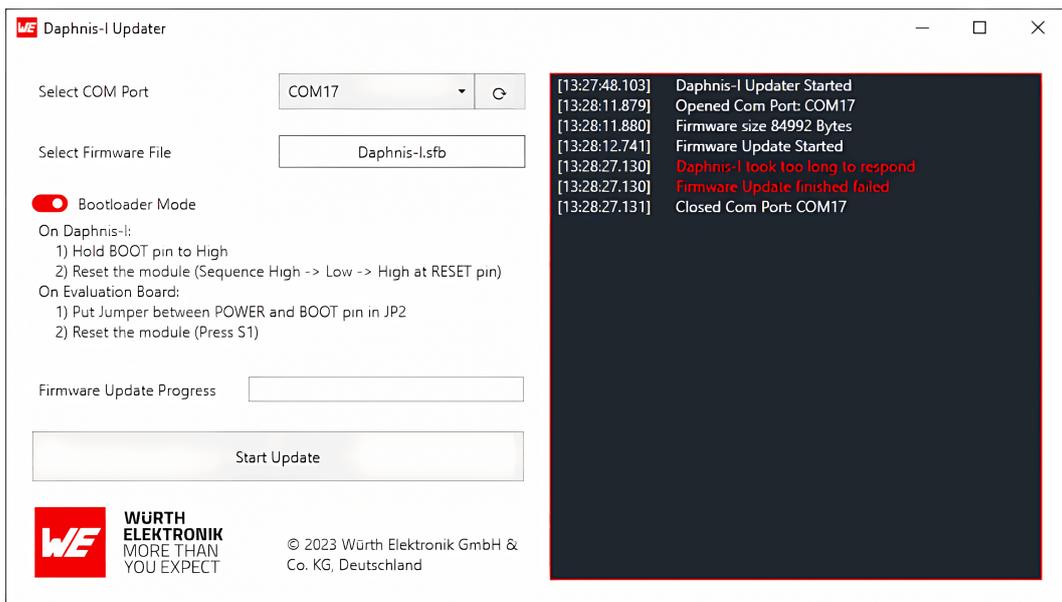


Figure 3: Daphnis-I Updater failure



The update will take some time. Make sure the command window stays top-most and is in focus during the entire update procedure. Watch carefully for any message displayed in the log window of the tool and keep the log in case of errors or if you require support.



The firmware update image used for this update process needs to be signed by Würth Elektronik eiSos.



A firmware update will revert to the default factory settings of Daphnis-I.

The process and tools described here were tested and verified on a 64 bit Windows 10 (build 19044.2965) machine using a Daphnis-I EV board.

2 Software history

Version 1.0.0 "Release"

- First released version of the Daphnis-I Updater tool.

3 External libraries used

- Adonis UI

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Any product-specific data sheets, manuals, application notes, PCN's, warnings and cautions must be strictly observed in the most recent versions and matching to the products firmware revisions. This documents can be downloaded from the product specific sections on the wireless connectivity homepage.

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Some products within the product range may contain substances, which are subject to restrictions in certain jurisdictions in order to serve specific technical requirements. Necessary information is available on request. In this case, the field sales engineer or the internal sales person in charge should be contacted who will be happy to support in this matter.

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We recommend you to be updated about the status of new firmware and software, which is available on our website or in our data sheet and manual, and to implement new software in your device where appropriate.

By ordering a product, you accept these license terms in all terms.

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