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<http://www.flir.com>

Customer support

<http://support.flir.com>

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1 Updating the VS80 Firmware

1.1 GENERAL

We are pleased to announce that new firmware for the VS80 is available (**Version 2.0.6**). This guide describes how to update the firmware. If you are not confident that you can complete the update successfully, contact FLIR support, web address below:

<https://support.flir.com>.

1.2 Firmware Update Details

Firmware version 2.0.6 supports version 3.1.0 of the METERLiNK® application.

1.3 Prerequisites

To update the firmware, you will need:

- VS80 with connected probe
- SD card (inserted in the VS80)
- Update file

1.4 Obtaining the Firmware Update File

1. Go to the support site: <https://support.flir.com>
2. Click on the **DOWNLOADS** menu heading, as shown.

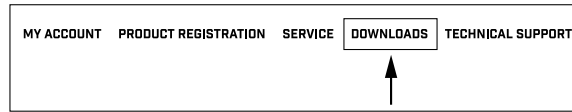


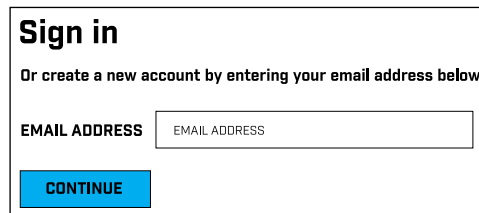
Figure 1.1 Click 'DOWNLOADS'.

3. Click **Software and Firmware** as shown.

Software and Firmware (login needed)

Figure 1.2 Click the 'Software and Firmware' item from the options list.

4. Type your **Email Address** to log in or to create an account, as shown. Click **Continue**.



A screenshot of a 'Sign in' form. At the top, it says 'Sign in' in bold. Below that, it says 'Or create a new account by entering your email address below'. There is a label 'EMAIL ADDRESS' followed by a text input field containing 'EMAIL ADDRESS'. At the bottom left of the form is a blue button labeled 'CONTINUE'.

- For Figure 1.3, below, 1. Type **VS80** in the search field; 2. Select **FLIR / Extech Meters Software** from the pull-down menu; 3. Select **FLIR Software** from the pull-down menu; 4. Click **SEARCH**; 5. Click the update file to download it to your PC.

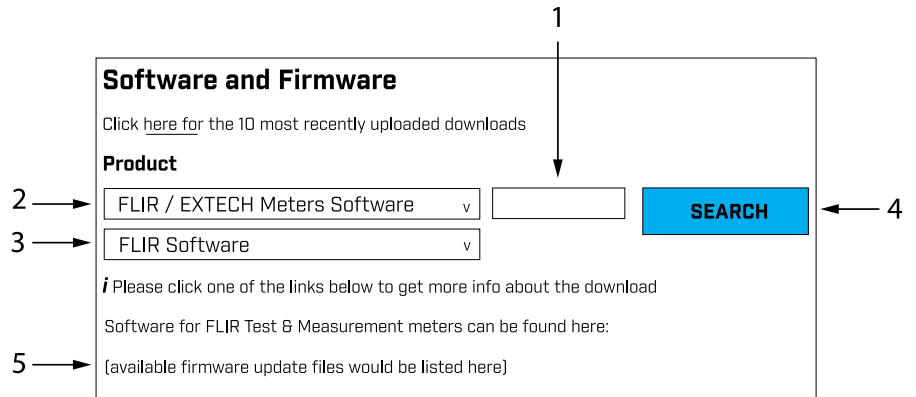


Figure 1.3 Follow the steps to complete the download process.

1.5 Moving the Upgrade File to the VS80

- As explained in the user manual, Section 13, *PC Interface*, connect the VS80 to the PC using the supplied USB cable.
- When the VS80 is physically connected to the PC, the PC should recognize the VS80 as an external storage drive. For Windows, the VS80 drive will be given a drive letter in File Explorer (**E:**, for example). For Mac, the VS80 drive icon will appear on the desktop.
- Drag the downloaded firmware file from your PC to the root (top level) directory of the VS80 as shown in the Windows example below in Figure 1.4.

NOTE

Drag only the update file (FLIRVS80.BRN, for example) into the VS80 root directory. Do not drag other files or folders that may accompany the update file (readme.txt, for example).

Rename the existing firmware file to FLIRVS80-old.BRN, before loading the new update file. This will allow you to revert to the earlier firmware version if necessary.

- Safely eject the VS80 from the PC (for Windows, right-click the drive letter in File Explorer and select Eject; For Mac, drag the drive icon into the Trash).
- Physically disconnect the VS80 from the PC.

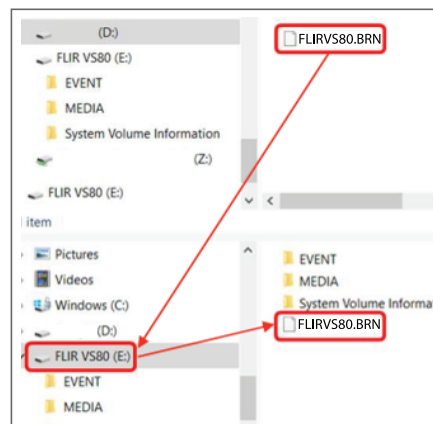


Figure 1.4 Windows PC example: Moving the update file to the VS80 root directory.

1.6 Executing the Firmware Update

- With the VS80 disconnected from the PC, press the VS80 Settings button to open the Settings menu.



VS80 Firmware Update Notice

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2. Navigate to the INFO menu, tap INFO to open it, and then tap FIRMWARE UP-GRADE; confirm the action when prompted.
3. Depending on the specific firmware, the VS80 may automatically cycle power and restart with the new firmware active, or you may have to manually restart the VS80 after it switches off.
4. After restarting, verify that the new firmware version number is displayed in the INFO settings menu.
5. If you have questions, or run into problems upgrading, please contact the FLIR support site.

