

Levellogger 5 Firmware Upgrade Release

Firmware Upgrade V1.006 – August 10, 2023





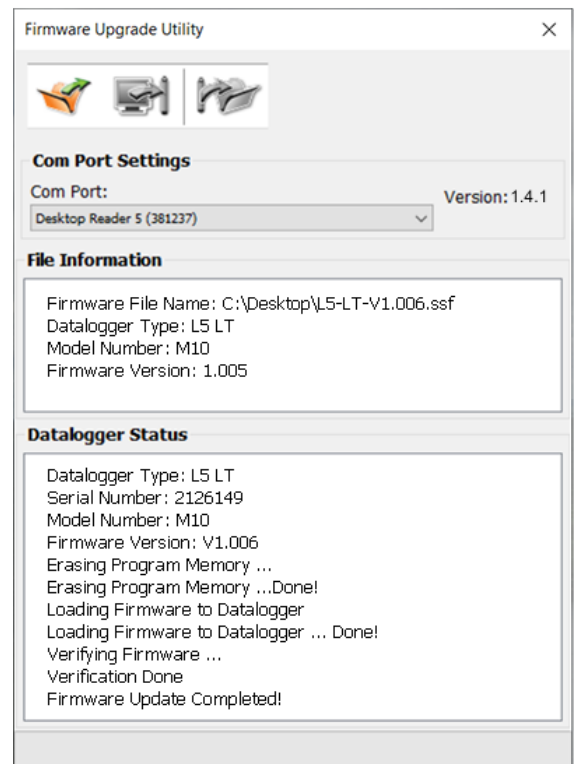
Note: Always use the latest Levellogger PC Software to update any Firmware



The Levellogger 5 and Barologger 5 have been designed with firmware that is easy to update whenever useful new functions or other improvements become available, as with software releases.

To update the firmware in your datalogger, go to the Solinst Website at: <https://downloads.solinst.com> where you can sign-in or register to download the firmware upgrade file that is contained within a Zip Archive. Ensure you unzip the Archive to access the firmware *.ssf file.

- 1) Open the Solinst Firmware Upgrade Utility, which is located in the 'Utility' folder of the 'Levellogger4_6' folder. It can also be launched from the Utilities menu in the main Levellogger Software.
- 2) Click the 'Open'  button, which should open a file dialog asking for the firmware file (*.ssf) to upload. Navigate to the directory where the firmware file was saved on your PC, then click on the file and click 'Open'.
- 3) Check the 'File Information' box to make sure that the opened file is the right one.
- 4) Click the 'Upload Firmware'  button to start the firmware upload process.
- 5) If a communication error occurs and is indicated in the 'Datalogger Status' box either before or after the "Verifying Firmware" and "Loading Firmware to Datalogger" messages, then restart the upgrade process.
- 6) If, however, a communication error occurs between the "Verifying Firmware" and the "Loading Firmware to Datalogger" messages, then please contact Solinst. You will need to give the datalogger Serial Number and explain the exact positioning of the error message.



Note: When conducting a firmware upgrade, DO NOT interrupt the process prior to completion (This may take 2 to 4 minutes). Installation is not complete until a note appears at the base of the program window indicating "Firmware Update Completed".

Troubleshooting Levellogger Startup Issues After a Firmware Upgrade

If your Levellogger fails to start after a firmware upgrade, follow these steps in sequence to resolve the issue:

- 1) Ensure that you have successfully upgraded the firmware to the latest version. Refer to the instructions on page 1 to make sure you have completed the upgrade correctly. Refer to the Levellogger Hardware Compatibility chart at: <https://solinst.com/products/data/3001compatibility.pdf> to ensure you have used the latest Software and Firmware to upgrade your Levellogger.
- 2) With your Levellogger connected, go to the Data Control tab in the Levellogger PC Software. Locate and delete all the stored data for that Levellogger. [See Section 7.1.2 in the Levellogger User Guide](#). Make sure to do this only if you have previously downloaded and saved these files elsewhere.
- 3) After deleting the files, restart your Levellogger. This step should help resolve any startup issues caused by the firmware upgrade.

Remember to follow the sequence above to resolve the issue. If you continue to experience problems, contact Solinst for further assistance.