Logger Lite Release Notes

Version 1.9.4
2018 Feb 09

Contents

System Requirements and Recommendations

Requirements

- Windows 7 (fully updated for SHA2 signature support as per https://docs.microsoft.com/en-us/security-updates/SecurityAdvisories/2014/2949927), 8.1, & 10
- Macintosh macOS version 10.10 or newer (10.12+ recommended)
- An available USB port

Recommendations

For best display, Logger Lite should be used on display resolutions of 1024×768 or higher..

Please contact Vernier if you need support on systems that do not meet the above requirements.

Special Notes for LabPro, LabQuest, LabQuest 2, or LabQuest Mini Users

Logger Lite must be installed prior to connecting LabPro, LabQuest, LabQuest 2, or LabQuest Mini. You must be logged in with administrative privileges allowing the installation of device drivers during installation.

Logger Lite 1.9.4 replaces the Windows device drivers with Extended Validation signed drivers valid for installation through 2019 September 24. Windows 10 requires validly signed drivers at the time of installation. (Logger Lite 1.9.2 drivers will no longer be installed on Windows system after 2017 August 20). All Windows users should use Logger Lite 1.9.3 or newer. The latest version of Logger Lite is always available from https://www.vernier.com/downloads .

Users who also have Logger Pro installed on their machines will need to update Logger Pro to 3.13 or newer (3.15 recommended) after installing Logger Lite or Vernier interfaces (LabPro, LabQuest, etc.) will no longer function in Logger Pro. Mac is unaffected.

Install Notes

- Logger Lite 1.9.4 and newer and Logger Pro 3.15 or newer will successfully coexist on a single computer (see the above note about device drivers on Windows). On Mac, Logger Pro 3.x and Logger Lite 1.9.4 will coexist; however, it is recommended that Mac users should install the latest version of Logger Pro software which supports their macOS version.
- Installation of Logger Lite requires administrative privileges on the computer.
- Install Logger Lite before connecting sensors, interfaces, or devices.
- Logger Lite does not support network installations. It must be installed on the client computer to which the devices it supports are connected.
- Before installing Logger Lite in OS X when fast user switching is enabled, log out of all accounts other than the administrative account used for installation.
- Do not attempt to install Logger Lite 1.9.4 on non-supported platforms (e.g. Mac OS X 10.9 and earlier or Windows Vista and earlier.). Contact Vernier if you need an older version of Logger Lite for such machines.

Unsupported Sensors & Devices

Logger Lite does not support all sensors and devices that are supported in Logger Pro. Not supported are:

- Ohaus balances
- GPS (Global Positioning System)
- Spectrometers
- WDSS
- Rotary Motion
- DCU
- Heat Pulser
- Analog Out on CH4 LabPro
- Radiation Monitor
- Photogates
- Drop Counter
- Diffraction Apparatus
- Any GDX sensor or device (please download and use Graphical Analysis 4 for your desired platform.

Changes in Logger Lite 1.9.4

High Resolution Monitors Support

- Logger Lite renders on higher resolution monitors much better, with improved readability and crisper graphics Most noticeable on 2 megapixel displays and higher (HD 1080, Retina, WUXGA, UHD, 4K, etc.)

Installer Defects Resolved

- LabQuest Mini device connection no longer tries to use old obsolete WinDriver device driver – WinDriver purged on new and updated installations.

Changes in Logger Lite 1.9.3

Windows Drivers Updated

- EV signed drivers for LabPro, LabQuest, LQ2, LQ Stream, and LQ Mini, valid for installation until 2019 September 24.

Changes in Logger Lite 1.9.2

Language Support
- Slovak supported
- Ukrainian supported

Changes in Logger Lite 1.9.1

Platform Support

- macOS 10.12 fully supported / macOS 10.8 & 10.9 no longer supported

New Experiments

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Interfaces

- LabPro Windows device driver changed to WinUSB

Changes in Logger Lite 1.9

New Platform/Interface Support Added/Dropped
- LabQuest Stream Interface (USB only)
- Go Wireless Temperature (on Mac 10.10+ and Windows 10 only)
- Mac OS X 10.11 fully supported (10.7 is no longer supported)
- Windows 10 supported
- Japanese added for Windows
- LabQuest, LabQuest2, and LabQuest Mini interfaces use WinUSB on Windows.

New Sensor Support
- Go Wireless Temperature
- New Thermocouple
- New Extra-Long Temperature Probe

New Experiments

- Solar Energy

Changes in Logger Lite 1.8

New Platform/Interface Support Added/Dropped
- Mac OS X 10.10 (including the English Logger Lite running on Macs with something other than English as the primary system language)
- Windows XP and Vista are no longer supported.

Changes in Logger Lite 1.7

New Platform/Interface Support
- Windows 8.1
- Mac OS X 10.8 & 10.9
- Localizations added: Danish, Finnish, Thai, and Turkish

New Sensor Support
- Vernier Energy Sensor

Changes in Logger Lite 1.6.1

Defect Fixed
- Linear fit on multiple data sets crash.

Changes in Logger Lite 1.6

New Platform/Interface Support
- LabQuest 2 Interface
- LabQuest Mini (Firmware Update to 1.82)
- Mac OS X 10.7 (Lion)
- Localization for Greek & Swedish added.

Changes in Logger Lite 1.5

New Platform/Interface Support
- LabQuest Mini
- Mac OS X 10.6 (Snow Leopard)
- Microsoft Windows 7.
- 64-bit OS Compatibility
- Localization for select languages

Changes in Logger Lite 1.4.0

New Platform/Interface Support

- LabQuest
- LabPro (no separate driver installation required)
- Universal binary (Power PC and Intel Architectures) for Macintosh computers.
- Mac OS X 10.5 (Leopard)
- Microsoft Windows Vista.

New Features

- Use Entire Window feature (Page>Use Entire Window) allows better window usage when operating Logger Lite in less than full screen sizes.
- General Graph Match feature.
- InspireData import/export aka CSV text file import/export
- Linear Fit analysis feature (Analyze>Linear Fit)

Experiment File Changes/Additions

Elementary Science files were renumbered to match the new version of the lab manual.

Changes in Logger Lite 1.3.2

New Experiment Folders in support of new Lab Books:

- Earth Science with Computers
- Physical Science with Computers
- Other Experiment file updates.

Changes in Logger Lite 1.3.1

- Support for Macintosh OS 9.2.2 restored.
- Significant performance improvements for Macintosh OS 9.2.2.
- 10,000 point limit for Macintosh OS 9.2.2 removed.

Changes in Logger Lite 1.3

- Support for Go! Motion added.
- Automatic saving of data during long collections is available as a user preference.
- Support added for new sensors: Blood Pressure Sensor, Spirometer, Hand Dynamometer, Charge Sensor, and Hand-Grip Heart Rate Monitor.
- Improved printing of fine grid lines in graphs.
- Improved calibration dialog.
- Time of Day graph plotting added.
- Option to use all rows for horizontal axis labels added (useful for Time of Day graphs).
- Improved unit conversion behavior for temperature and motion measurements.
- Allow live read-outs for Motion Detectors and Go! Motion.

Changes in Logger Lite 1.2

- Events with Entry data collection mode added.
- Descriptive names can be assigned to data sets by calling up the Data Sets Options dialog.
- Support for Macintosh OS 9.2 added.

Logger Lite Known Issues At Time of Release

Logger Lite does not fully support the LabPro, LabQuest, or the LabQuest Mini interface for all sensors. Logger Lite does not support any digital sensors other than the Motion Detector. To use these interfaces to their fullest capabilities requires Logger Pro software.

It is possible to create files using Logger Pro that Logger Lite can open; however, not all objects created by Logger Pro are usable in Logger Lite. In addition, there is no help information on such objects in Logger Lite.

Please contact Vernier for more information.

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