MicroLite II Release Notes

Supported by the DataSuite software

Release Date: 9 October, 2013

MicroLite II Firmware Version: 1.04
Hardware Support: LITE5008P, LITE5032P, LITE5032P-RH, LITE5032P-V, LITE5032P-4/20, LITE5032P-EXT
Software Support: This version will work with DataSuite v2.2.0.0 and higher

Release Information

Bug Fix:

MicroLite logger stopped recording data at midnight on September 30 due to issue in calendar mechanism. Bug is specific to September 30 only.

Release Date: 27 May, 2013

MicroLite II Firmware Version: 1.03
Hardware Support: LITE5008P, LITE5032P, LITE5032P-RH, LITE5032P-V, LITE5032P-4/20, LITE5032P-EXT
Software Support: This version will work with DataSuite v2.2.0.0 and higher

Release Information

Bug Fix:

MicroLite did not display correct battery level following wake up from deep sleep mode. Mechanism measuring battery voltage was not working correctly resulting in low battery reading even for a new battery.

Release Date: 15 January, 2013

MicroLite II Firmware Version: 1.02
Hardware Support: LITE5008P, LITE5032P, LITE5032P-RH, LITE5032P-V, LITE5032P-4/20, LITE5032P-EXT
Software Support: This version will work with DataSuite v2.2.0.0 and higher

Release Information

Bug Fix:

Possibility of logger setup getting corrupted if configured with Boomerang feature. In the event of corrupt setup, logger would not be able to download its data or data will be downloaded with incorrect year.

Release Date: 2 January, 2013

MicroLite II Firmware Version: 1.01
Hardware Support: LITE5008P, LITE5032P, LITE5032P-RH, LITE5032P-V,
LITE5032P-4/20, LITE5032P-EXT
Software Support: This version will work with DataSuite v2.2.0.0 and higher

Release Information

> **Note:** Due to fundamental redesign of the calibration mechanism, updating device to firmware v1.01 will result in existing calibration settings being erased from logger memory, including default factory settings. *To retain existing calibration settings, do not proceed with firmware update.*
>
> If you proceed with the firmware update, DataSuite provides the user with one opportunity to recalibrate the device and save these new settings as the default settings (which can't then be erased again). Consult user guide or customer support for details.

New Features:

- Revamped measurement calculation mechanism, for all device inputs, to achieve more consistent and accurate readings pre and post calibration.
- Calibration mechanism redesigned, supporting the following calibration methods for the available MicroLite inputs. *Please also refer to note above.*
    - There will be no offset calibration option for any of the MicroLite inputs
    - LITE5008P, LITE50032P and LITE5032P-EXT are supported by 3-point calibration
- Revamp of battery measurement functionality:
    - 4-level Battery indicator added to LCD, to be displayed during every mode
    - Battery reading in DataSuite software is on a linear scale of 0-100%.
    - Battery reading now recorded each time device removed from USB.
    - Following firmware upgrade from v0.95, battery reading in software will be NA, until device is removed from USB and correct reading is taken.
    - Device connected to USB without battery, or with dead battery, will display NA in software
- Reduced device power consumption when logging, in order to extend battery life
- When external cap is not connected to logger, magnet key functionality is disabled
- Device enters deep sleep mode 2 minutes after being in Stop mode rather than 7 minutes as in previous versions (in order to conserve battery life)
- When sampling with defined sensor, device LCD able to display up to the figure 9999.

- Devices configured with "Defined Sensor" will display the defined values and units (for units selected from drop-down list in DataSuite) on the device LCD, instead of the base values and units (mA and V).

- Added Min/Max readings to device LCD, to be displayed after sample readings are shown. This feature is enabled via the software, where the user can choose to display Min/Max readings of the full data set (including data from previous memory cycles) or from the previous 24 hours only.

- For devices with external inputs, loggers, when LCD is off, disconnecting the cap will turn ON the LCD and show "STOP"

- Device LCD supports up to 3 decimal places if the sample integer is smaller than 10.

- LED functionality modified to blink only when alarm occurs and not when recording a sample

- Ability via the DataSuite software to disable LED alarm indication in order to conserve battery

- Cap detection mechanism for loggers with external input has been modified, in order to conserve battery life. In previous version, logger would search for the cap every second until cap is actually detected. In this new version, following Setup and Run, when logger is disconnected from USB the logger will search for the cap every second for up to one minute, and then once every 10 minutes. After cap is successfully detected and while the logger is running, the logger will search for the cap upon every sample.

- Intensity of LED brightness improved, to make it more visible to the user

Bug Fixes:

- Logger in Timer Run did not start if timer set to next day

- Device in Push to Run mode displayed "Stop" instead of "USB" when connected to PC

- Device configured with Define Sensor did not transfer base unit data when connected to different PCs

- Device LED did not turn on when connected to USB and logger is in alarm.

- Device with external input, set to "Timer Run" mode, will start logging even if cap is not connected.

<u>Release Date:</u> 23 April, 2012

MicroLite II Firmware Version: 0.95
Hardware Support: LITE5008P, LITE5032P, LITE5032P-RH, LITE5032P-V, LITE5032P-4/20, LITE5032P-EXT

Release Information

- Fixed random spikes of digital temperature and RH sensor readings, for LITE5032P-RH.

- Extended battery lif e specifically for loggers measuring temperature in below-freezing environment.
- Improved accuracy of internal temperature sensor of LITE5008P and LITE5032P in below-freezing environment.
- Known issues:
  - Discrepancy of 0.03 mA between DataSuite software and LITE5032P-4/20 LCD. For example, when logger is connected to a calibrator, DataSuite will show exact reading of the calibrator and the logger LCD will be 0.03 mA off.
  - For LITE5032P-V, LITE5032P-4/20 and LITE5032P-EXT models, LCD is always on. Option to wake up LCD only during alarm and key press has been disabled.

Release Date: 21 November, 2011

MicroLite II Firmware Version: 0.87
Hardware Support: LITE5008P, LITE5032P, LITE5032P-RH, LITE5032P-V, LITE5032P-4/20, LITE5032P-EXT

Release Information

- Default internal calibration for the LITE5032-EXT was improved for greater temperature accuracy.
- Added feature to restore factory calibration default via DataSuite software

Release Date: 30 October, 2011

MicroLite II Firmware Version: 0.83
Hardware Support: LITE5008P, LITE5032P, LITE5032P-RH, LITE5032P-V, LITE5032P-4/20, LITE5032P-EXT

Release Information

- Initial firmware release for all MicroLite II models (except LITE5032-RH)
- Includes support for Boomerang feature, enabling automatic email delivery of PDF data report when logger is connected to PC with DataSuite installed. Logger memory includes email contacts and Boomerang report setup.
- Supported by DataSuite software v2.0.0.0

Release Date: 16 October, 2011

MicroLite II Firmware Version: 0.69
Hardware Support: LITE5032P-RH

Release Information
- Initial firmware release supporting MicroLite II Temp/RH
- Supported by DataSuite software v2.0.0.0

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