

Version updates

Version 4.1.14 (Dec, 1 2021)

- Fixed Plock bug.

Version 4.1.13 (Nov, 30 2021)

- Fixed bug that prevented sensor names from displaying correctly.

Version 4.1.12 (Oct, 26 2021)

- Internal changes.

Version 4.1.11 (Oct, 18 2021)

- Internal changes.

Version 4.1.10 (Oct, 14 2021)

- Fixes MQTT reconnect issue.

Version 4.1.9 (Oct, 4 2021)

- Corrected conductivity calibration error.
- Revised temperature calibration screen.

Version 4.1.8 (Sept, 20 2021)

- Advanced configuration for TSL/SSL secure connection available.

Version 4.1.7 (Sept, 15 2021)

- Advanced configuration for USB available.

Version 4.1.6 (August, 31 2021)

- Fixed error with IO pins.

Version 4.1.5 (August, 16 2021)

- Updated layout to the pH screen.

Version 4.1.4 (August, 3 2021)

- USB bug fix.

Version 4.1.3 (July, 23 2021)

- Added web API support.

Version 4.1.2 (Unreleased - internal use)

Version updates

Version 4.1.1 (July, 2 2021)

- Added "Settings Menu" that breaks out Database Settings, from the MQTT Settings page.
- Included Screen Brightness control to Settings Menu.

Version 4.1.0 (June, 21 2021)

- 4.1.0 no longer auto assigns the first RTD probe as the temperature compensation probe to all devices that accept temperature compensation. The user must now go into the EZO-Setup screen for each device that has compensation and assign which RTD is assigned; Or set it to "-" for none. This setting *WILL* remain after reboot.

Version 4.0.1 (June, 15 2021)

- Fixed an issue when using a non-touch screen to run the Atlas lot software.

Version 4.0.0 (June, 9 2021)

- Added USB support via our Gen 2 Electrically Isolated USB EZOTM Carrier Board.
Non Atlas Scientific USB devices are not supported.

Version 3.2.1 (May, 3 2021)

- Potential race condition for sensors fixed.
- Allow ORP calibration value other than 225mv.
- Added disable MQTT checkbox.

Version 3.2.0 (April, 26 2021)

- Added support for the EZO-PMP-L (Large Embedded Dosing Pump).

Version 3.1.17 (April, 16 2021)

- Fixed I2C bug.

Version 3.1.16 (April, 2 2021)

- Fixed bug.

Version 3.1.15 (March, 24 2021)

- Fixed pH calibration bug.

Version 3.1.14 (March, 12 2021)

- Fixed bug.

Version 3.1.13 (March, 11 2021)

- Fixed MQTT bug.

Version 3.1.12 (March, 8 2021)

- Graphic updates.

Version updates

Version 3.1.11 (Unreleased - internal use)

- Internal changes.

Version 3.1.10 (Unreleased - internal use)

- Internal changes.

Version 3.1.9 (Dec, 15 2020)

- Added Logging.

Version 3.1.8 (Dec, 14 2020)

- Various bug fixes.

Version 3.1.7 (Dec, 14 2020)

- Added confirmation dialogs for MQTT settings.
- Revised internal MQTT layout.

Version 3.1.6 (Dec, 11 2020)

- Internal changes.

Version 3.1.5 (Dec, 4 2020)

- Added salinity and pressure compensation for Dissolved Oxygen.
- Fixed an issue with the Temperature screen button having bad background.
- Fixed O2 screen missing proper CSS.

Version 3.1.4 (Dec, 3 2020)

- Added salinity and specific gravity to the Conductivity screen.

Version 3.1.3 (Dec, 2 2020)

- Fixed bug where 80,000µS was not listed as an option during conductivity calibration.

Version 3.1.2 (Dec, 1 2020)

- Fixed bug on systems that use non decimal point radix mark.

Version 3.1.1 (Nov, 20 2020)

- Corrected pH to now show 2 decimals, and applied a fix for invalid character in ATC.

Version 3.1.0 (Nov, 13 2020)

- Added ability to save database locally or remote.

Version 3.0.0 (Nov, 6 2020)

- New Alpha build.

Version updates

Version 2.9 (Unreleased - internal use)

Version 2.8 (Unreleased - internal use)

Version 2.7 (Unreleased - internal use)

Version 2.6.8 (September 1, 2020)

- Fixed Humidity probe to work with production firmware.

Version 2.6.7 (August 21, 2020)

- Revised graphics and added "Clear Calibration" button to the O2 setup screen.

Version 2.6.6 (July 22, 2020)

- Allows for I2C addresses 1–127 vs 80–120 *Note* There may be issues if there are conflicts with other devices on the bus.
- Fixed bug where you could only calibrate a RTD and ORP probes ONCE, unless you rebooted. There may have also been an issue with EC K value.

Version 2.6.5 (July 10, 2020)

- Fixed bug saving RGB data to Adafruit via MQTT.

Version 2.6.4 (July 8, 2020)

- Disallow spaces in "Sensor Name".

Version 2.6.3 (July 6, 2020)

- Add calibration page for dose over time mode.

Version 2.6.2 (July 6, 2020)

- Added PPT on O2 page.
- Added calibration page for pump.

Version 2.6.1 (June 23, 2020)

- Revised graphics on O2 and CO2 pages.
- Fixed bug in RGB pages.
- Cleaned up unused resources.

Version 2.5.5 (May 26, 2020)

- Renamed "timeUTC" in MQTT data package to "created_at".
- Renamed "Reading" in MQTT package to "value".
This will allow auto graphing of data in adafruit.io.

Version updates

Version 2.5.4 (May 15, 2020)

- Corrected various UI issues.
- Added time UTC to MQTT data package.

Version 2.4.7 (May 11, 2020)

- Fixed bug that was sending the Graph Data to the cloud.

Version 2.4.6 (May 7, 2020)

- Graph feature has been re-enabled.
- Fixed bug in EC Calibration.
- Fixed bug in pH calibration.
- Updated pH and EC setup Screens.
- Support for unreleased Humidity Sensor.

Version 2.4 (Unreleased - COVID-19)

Version 2.3 (Unreleased - COVID-19)

Version 2.3 (Unreleased - COVID-19)

Version 2.2 (Unreleased - COVID-19)

Version 2.0 (March 13, 2020)

- Added connection to cloud via MQTT.
- Added ability to name individual EZO sensor (names appear on each EZO sensor screen).

Version 1.7.1 (Feb 28, 2020)

- Copied the sensor code into a user accessible library - Check it out!
- Added one extra digit on the Dissolved Oxygen screen.
- Faster UI response.

Version 1.6.0 (Feb 7, 2020)

- Added ability to set values for high and low calibration for EC probes.
- Revised artwork for EC setup screen.
- Added caption for "Total Dissolved Solids" and "microSiemens" to EC screen.
- Fixed bug in EC calibration screen when screen in TDS mode.

Version 1.5.2 (Jan 29, 2020)

- Fixed bug with pH, EC and DO when RTD circuit does not exist.
- Fixed bug with pH, EC and DO when RTD probe does not exist on RTD circuit.

Version updates

Version 1.5.1 (Jan 24, 2020)

- Significantly improved performance.
- Temperature compensation for pH, EC and DO probes.
- Screens for O2, Flow, and Pressure added.
- Various bugs fixed.

Version 1.4.2 (Nov 12, 2019)

- Fixed bug with TDS.
- Removed graphing function.
- Various bugs fixed.
- Artwork updates.

Version 1.4.0 (Oct 8, 2019)

- Export data function included.
- pH screen monitors temperature.

Version 1.3.0 (June 20, 2019)

- Sensor graphing enabled.
- Calibration screen bug fixes.

Version 1.2.0 (Feb 12, 2019)

- Calibration screens added.
- Artwork updates.

Version 1.1.0 (Dec 18, 2018)

- Touch screen interface created.
- Sensors have their own screen.
- Live updates every second.

Version Beta (Oct 26, 2018)

- Welcome to Atlas IoT, monitor up to 6 sensors on one screen.