

## Version updates

### **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 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 updates

### 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 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 updates

### 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 2.5.4 (May 15, 2020)

- Corrected various UI issues
- Added timeUTC 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 updates

### 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 1.5.1 (Jan 24, 2020)

- Significantly improved performance.
- Temperature compensation for pH, EC and DO probes
- Screens for O<sub>2</sub>, 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 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.