

Artec Logger

Instruction Manual

Windows / Mac OS X / Android / Chrome OS

(Offline Progressive Web App)

Published 2021/07/05

Revised 2024/3/25



The contents of this manual are subject to revision at any time.

Version History

Date	Content
2021/07/05	First version
2021/08/11	Revised Logging Mode section due to change in specifications Added section on Oxygen Sensor
2021/08/23	Revised for version upgrade
2021/10/28	Added Updating Firmware and Unzipping Files sections
2021/11/30	Added Chrome version info
2021/12/14	Added instructions for connecting and using the software via USB Updated Updating Firmware section
2022/01/06	Official release
2023/02/09	Changed contact information
2023/03/25	Updated Updating Firmware section

Table of Contents

1. Getting Started.....	1
2. System Requirements.....	1
2.1. Windows.....	1
2.2. Mac OS X	1
2.3. Android.....	2
2.4. Chrome OS.....	2
3. Artec Logger Features.....	3
4. Sensors and Features.....	3
4.1. Climate Sensor.....	3
4.2. Current Sensor	5
4.3. Oxygen Sensor.....	5
4.4. Ultrasonic (Distance) Sensor.....	7
4.5. Water Temperature Sensor	7
4.6. Voltage Sensor.....	7
5. Using the Application	8
5.1. Download and Startup.....	8
5.2. Switching Modes	9
5.3. Connecting.....	10
5.3.1. Bluetooth	10
5.3.2. USB	12
5.4. Live Mode.....	14
5.4.1. Features.....	14
5.4.2. Setting Parameters	15
5.4.3. Adjusting the Axis	19
5.4.4. Measurement Interval	20
5.4.5. Logging.....	21
5.4.6. Checking Results.....	22
5.4.7. Deleting Results	25
5.5. Logging Mode.....	26
5.5.1. Setting Parameters (before logging).....	26
5.5.2. Notes on Logging Mode.....	30
5.5.3. Review Data (after logging)	31
5.6. Updating Firmware.....	36
6. Using the Oxygen Sensor.....	40
7. Charging the Artec Logger.....	44
8. Application Version.....	45
9. Instructions by OS	46
9.1. Unzipping Files	46
9.1.1. Windows	46
9.1.2. Mac OS X.....	46
9.1.3. Android.....	46
9.1.4. Chrome OS.....	47
9.2. Opening index.html.....	48
9.2.1. Windows	48
9.2.2. Mac OS X.....	48
9.2.3. Android.....	48

9.2.4. Chrome OS.....	49
10. Contact Us.....	49

1. Getting Started

This manual details how to use the offline version of the Artec Logger software on Windows, Mac OS X, and Chrome OS.

Download the latest version of this instruction manual by using the link below:

<https://www.artec-kk.co.jp/dl/arteclogg>

★ Users with an active Internet connection or those who use an iPad can follow this link to download a separate manual for use with their device.

2. System Requirements

This web app requires Google Chrome version 89 or later.

2.1. Windows

Version
Windows 10
Hardware Requirements
For wired USB connection: Device equipped with USB port For wireless Bluetooth connection: Device with Bluetooth 4.0

2.2. Mac OS X

Version
10.14 or higher
Hardware Requirements
Minimum OS requirements

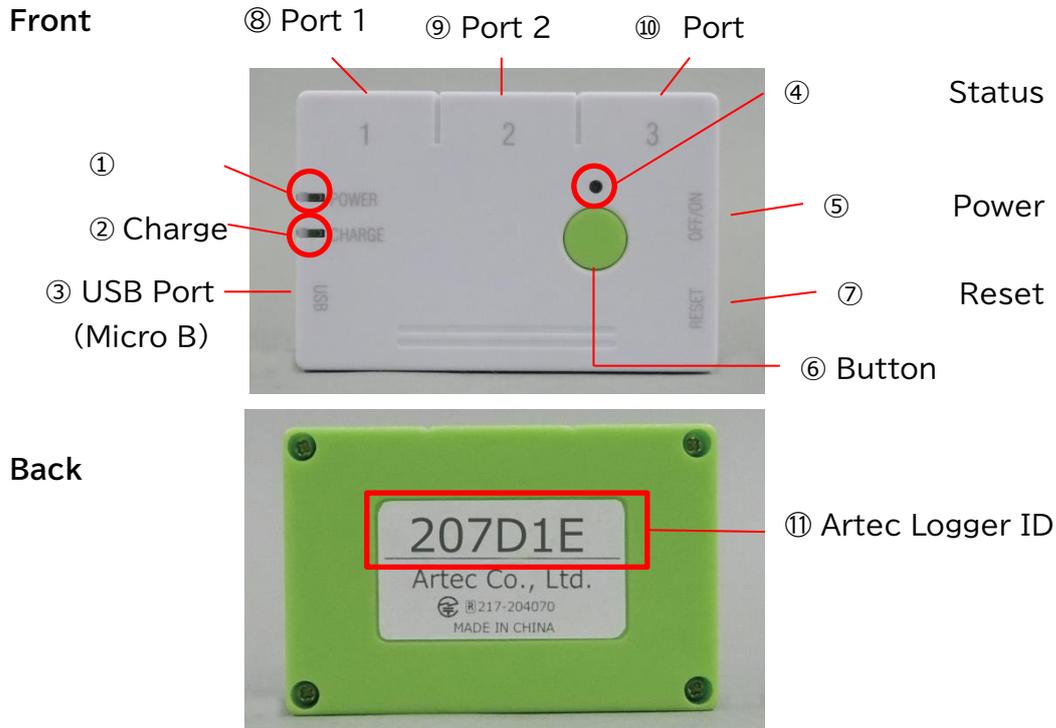
2.3. Android

Version
8.1 or higher
Hardware Requirements
Bluetooth 4.0 Screen size of 10 inches or more ★ Compatibility not guaranteed on all Android devices

2.4. Chrome OS

Version
Chrome OS
Hardware Requirements
For wired USB connection: Device equipped with USB port For wireless Bluetooth connection: Device with Bluetooth 4.0

3. Artec Logger Features



① Power Indicator

This lights up in green when the Artec Logger is on.

② Charge Indicator

This lights up in red while the Artec Logger is charging and turns blue once it's fully charged.

③ USB Port (Micro B)

Plug your cable in here in order to power your Artec Logger via USB.

④ Status Indicator

This lights up or blinks when in Logging Mode.

⑤ Power Switch

Turn the Artec Logger on or off.

⑥ Button

Use this button in Logging Mode.

⑦ Reset Button

This button resets your Artec Logger.

⑧ Port 1

This port supports Climate and Current Sensors.

⑨ Port 2

This port supports Oxygen, Voltage, Water Temperature, and Ultrasonic (Distance) Sensors.

⑩ Port 3

This port supports Oxygen, Voltage, Water Temperature, and Ultrasonic (Distance) Sensors.

⑪ Artec Logger ID

Use these six alphanumeric characters to identify your Artec Logger when pairing.

4. Sensors and Features

4.1. Climate Sensor

This sensor can simultaneously measure temperature, atmospheric pressure, and humidity.

Plug it into **port 1** on your Artec Logger.

	Temperature	Humidity	Atmospheric Pressure
Measurement	-40-85°C	0-100	300-1100 hPa

Range		%	
Accuracy	±1°C	±3%	±1 hPa
Resolution	0.1°C	0.1%	0.1 hPa

4.2. Current Sensor

This sensor measures electrical current. Plug it into **port 1** on your Artec Logger.

Cable Length	20 cm (including alligator clips)
Measurement Range	±5 A (DC)
Resolution	1 mA
Accuracy	1%



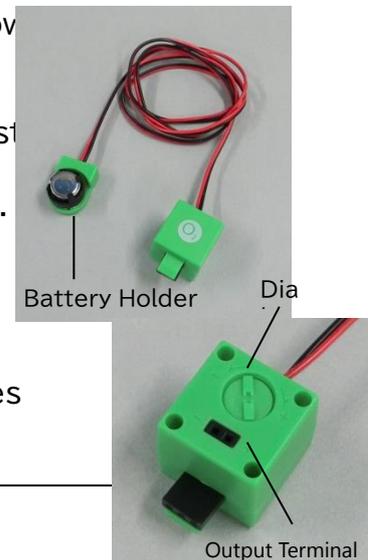
4.3. Oxygen Sensor

This sensor measures oxygen concentration. It's powered by zinc-air batteries. You can use a tester to measure oxygen concentration by plugging it into the tester output terminal on the back of the sensor and adjusting the calibration dial to 20.9 mV.

Plug it into **port 2** or **port 3** on your Artec Logger.

Cable Length	80 cm
Measurement Range	5-50%
Resolution	0.1%

Usage time depends on the type of zinc-air batteries and your testing environment.



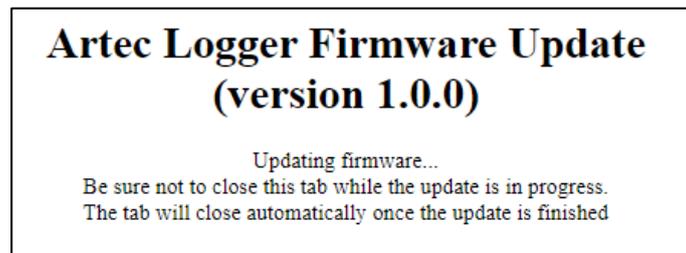
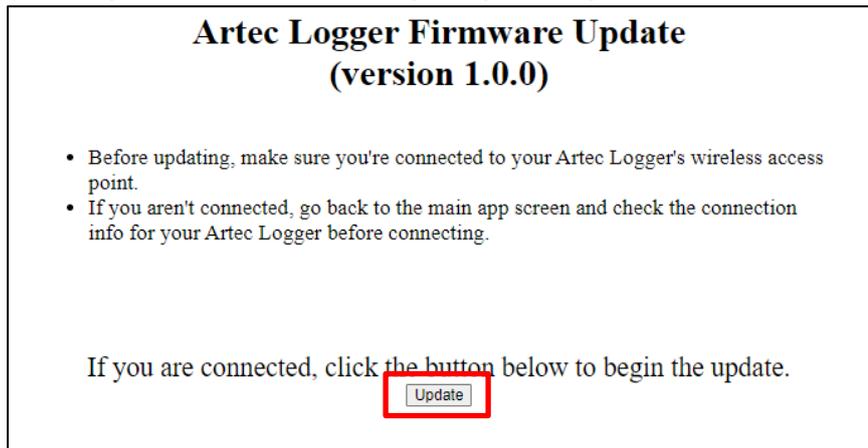
Artec Logger Firmware Update (version 1.0.0)

- Before updating, make sure you're connected to your Artec Logger's wireless access point.
- If you aren't connected, go back to the main app screen and check the connection info for your Artec Logger before connecting.

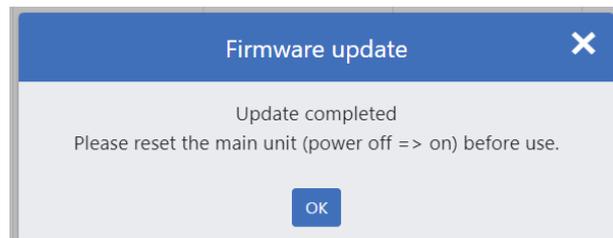
If you are connected, click the button below to begin the update.

See 0.

⑦ Click the **Update** button to begin updating the firmware.



⑧ The update will take about a minute to complete, then you'll see this screen.



⑨ Press the **Reset** button on your Artec Logger.



Using the Oxygen Sensor on page 39 for more details.

4.4. Ultrasonic (Distance) Sensor

The Ultrasonic Sensor uses the reflection of ultrasonic sound waves to measure distance.

Plug it into **port 2** or **port 3** on your Artec Logger

Measurement Distance	2-250 cm
Angle	< 15° (approx.)
Frequency	40 kHz

★ Requires sensor connecting cable to use.



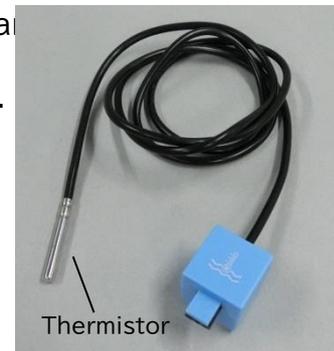
4.5. Water Temperature Sensor

This sensor measures water temperature.

You can touch the metal tip of the thermistor to a surface to measure its temperature.

Plug it into **port 2** or **port 3** on your Artec Logger.

Measurement Range	-40-105°C
Resolution	0.1%
Accuracy	±1%



4.6. Voltage Sensor

This sensor measures electrical voltage.

Plug it into **port 2** or **port 3** on your Artec Logger.

Measurement Range	±25 V A (DC)
Resolution	0.01 V
Accuracy	0.1V



5. Using the Application

5.1. Download and Startup

This web app requires Google Chrome version 89 or later. Follow the steps below to use the software on a computer without an active Internet connection.

① Follow the link below and click the **Software** button at the bottom of the page.

https://www.artec-kk.co.jp/dl/arteclogger/en/?software_php

② Unzip the downloaded **artec_logger.zip** file.

See **9.1. Unzipping Files** on page **46** to learn how to unzip files.

★ You will not see the **.zip** if your system is set to hide file extensions.

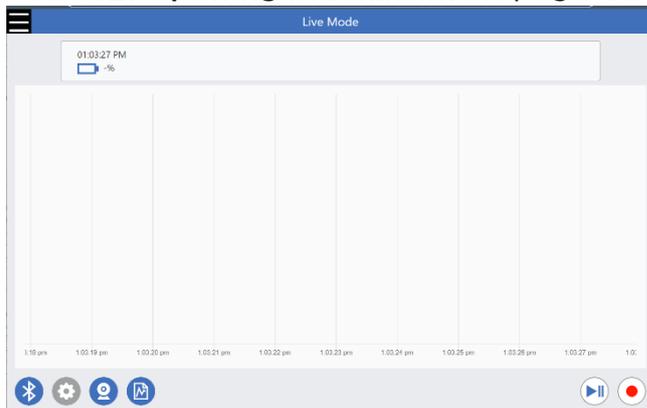
③ You'll see the following files in the destination folder.

 firmware	2021/10/28 15:14
 static	2021/10/28 15:14
 favicon.ico	2021/10/26 4:04
 index.html	2021/10/26 4:04
 logo192.png	2021/10/26 4:04
 manifest.json	2021/10/26 4:04
 service-worker.js	2021/10/26 4:04

★ This may look different on your computer.

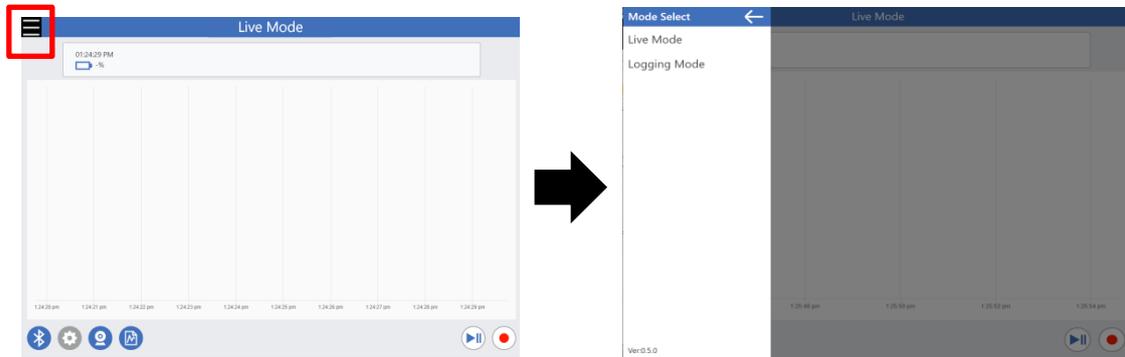
④ Open the **index.html** file inside of the folder in Chrome and the application will open.

See **9.2. Opening index.html** on page **48** to learn how to open the file.



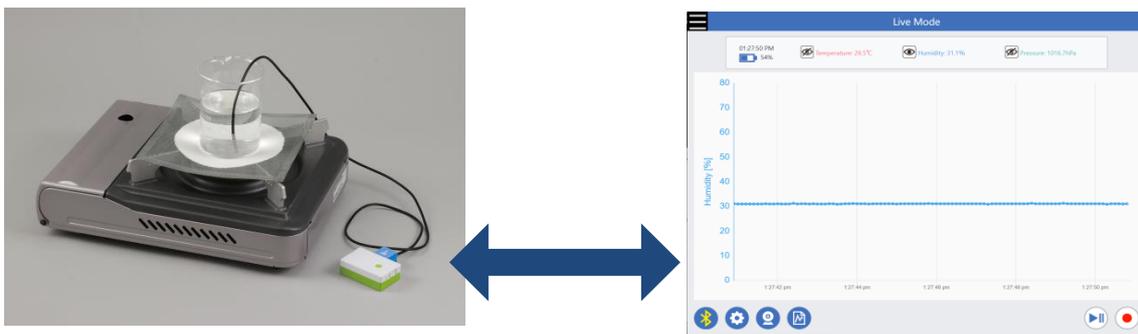
5.2. Switching Modes

Tap the menu at the top left to open the mode selection panel.



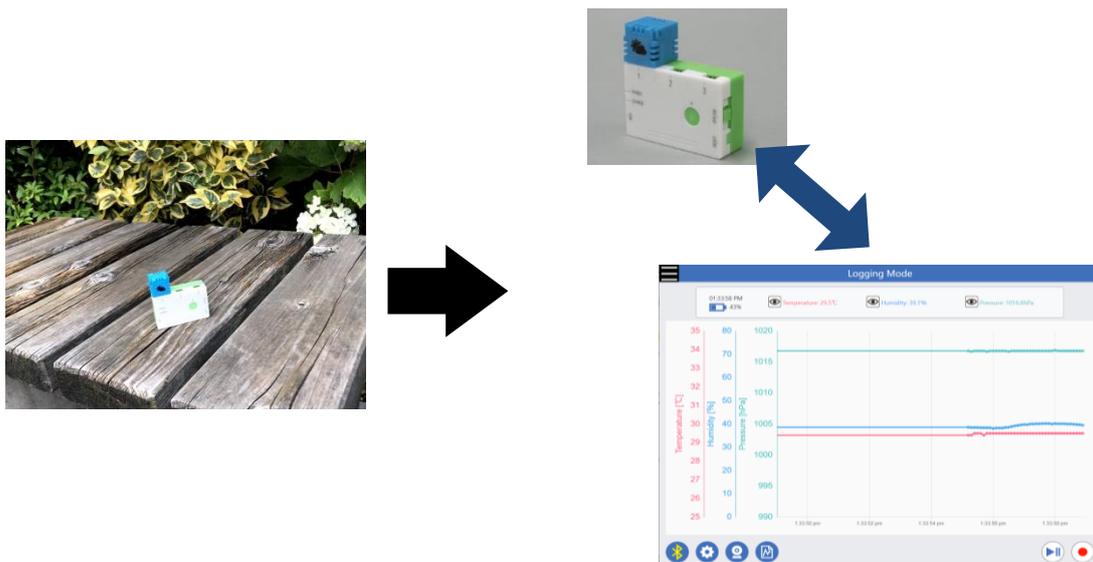
● Live Mode

Live Mode opens a connection between the Artec Logger and your device as you experiment, allowing you to view the results on the graph in real time.



● Logging Mode

Logging Mode stores data on the Artec Logger, allowing you to save it on your device once the experiment is over.



5.3. Connecting

5.3.1. Bluetooth

① Slide the switch on your Artec Logger to turn it on.



Lights up
green

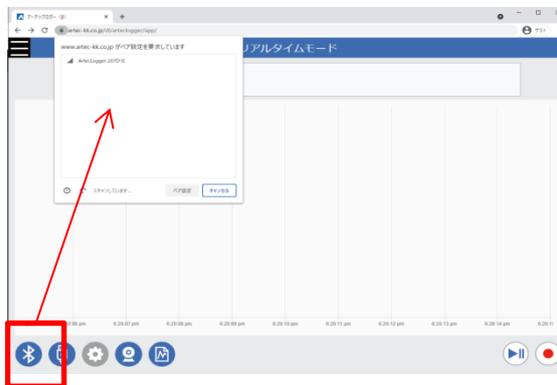


② Click the **Connect** button to open a list of available Artec Logger units.

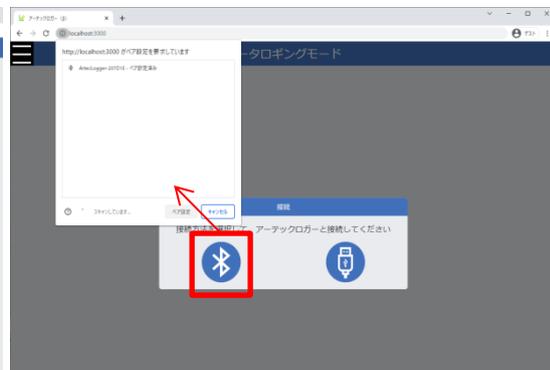
Bluetooth Button



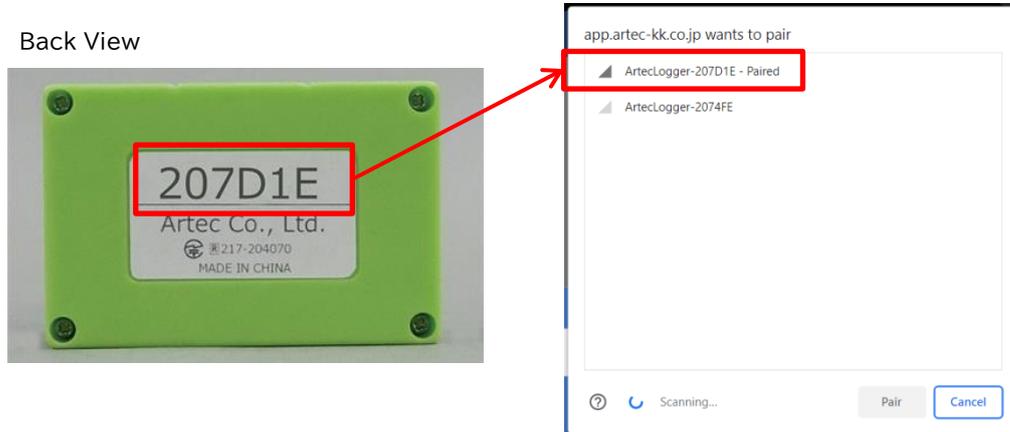
Live Mode



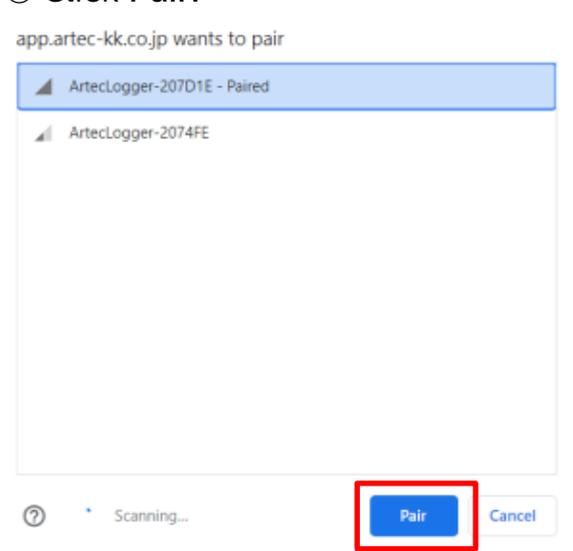
Logging Mode



③ Choose the unit which matches the ID written on the back of your Artec Logger.



④ Click **Pair**.



5.3.2. USB

① Slide the switch on your Artec Logger to turn it on.



Lights up



② Plug your USB cable into your Artec Logger and your PC.

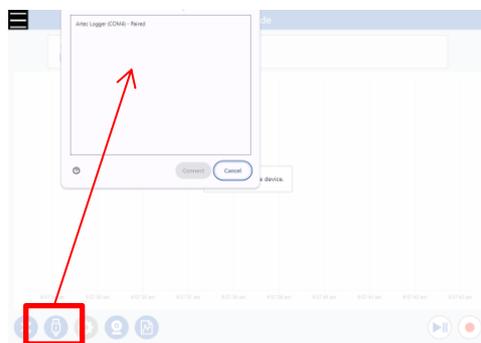


③ Click the USB button on the bottom left to open a list of available Artec Logger units.

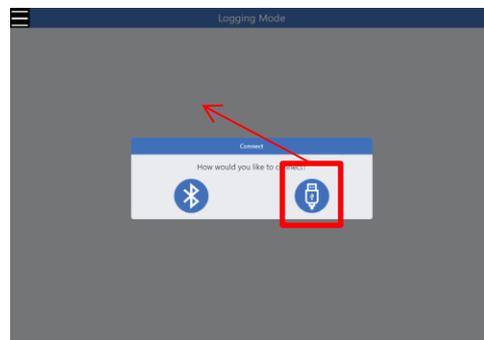
USB Button



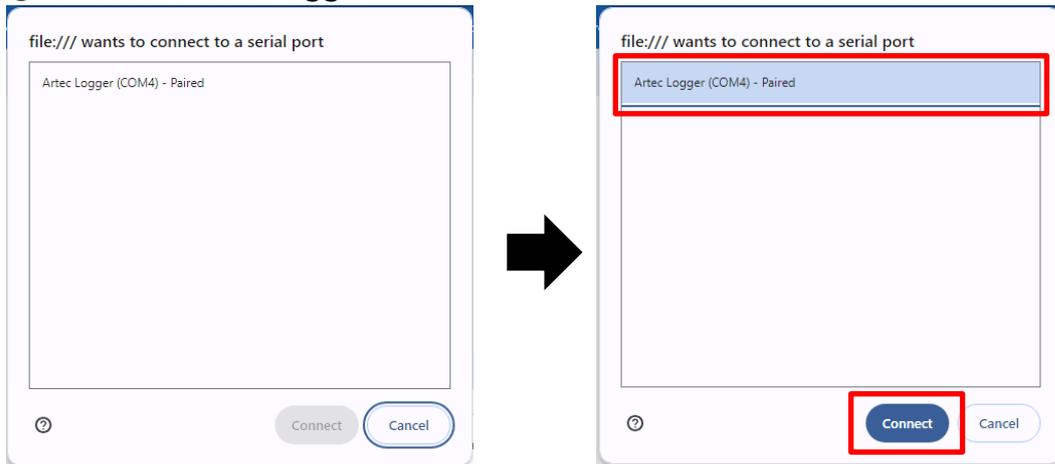
Live Mode



Logging Mode



④ Choose **Artec Logger** then click the **Connect** button to connect.

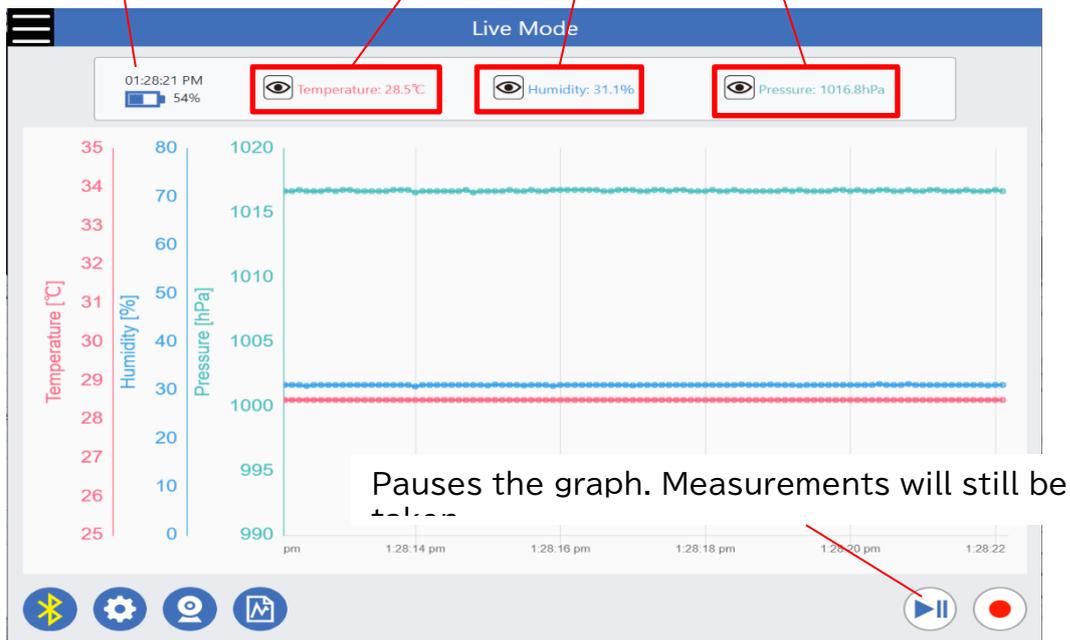


5.4. Live Mode

5.4.1. Features

Battery

Click to show or hide graphs.



Pauses the graph. Measurements will still be taken.

Saves a JPEG of the current graph.

Opens the camera on your device.

Opens the Settings dialog.

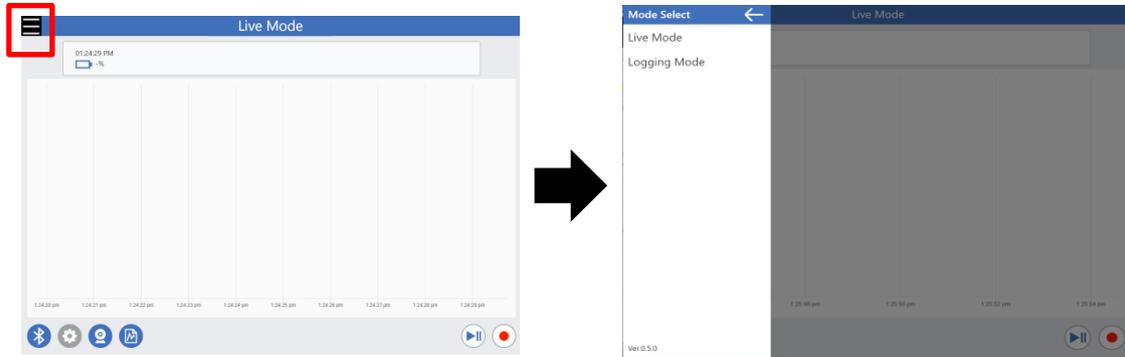
See **5.4.2. Setting Parameters (page 15), 0. (page 16), and 5.4.4. Measurement Interval (page 20)** for details.

Connect or disconnect.

See **5.3. Connecting (page 10)** for more details.

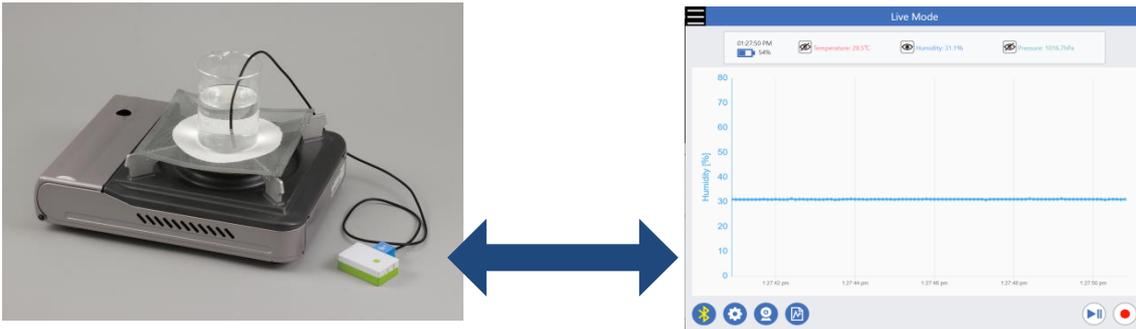
5.4.2. Setting Parameters

① Connect your Artec Logger. See 0. Tap the menu at the top left to open the mode selection panel.



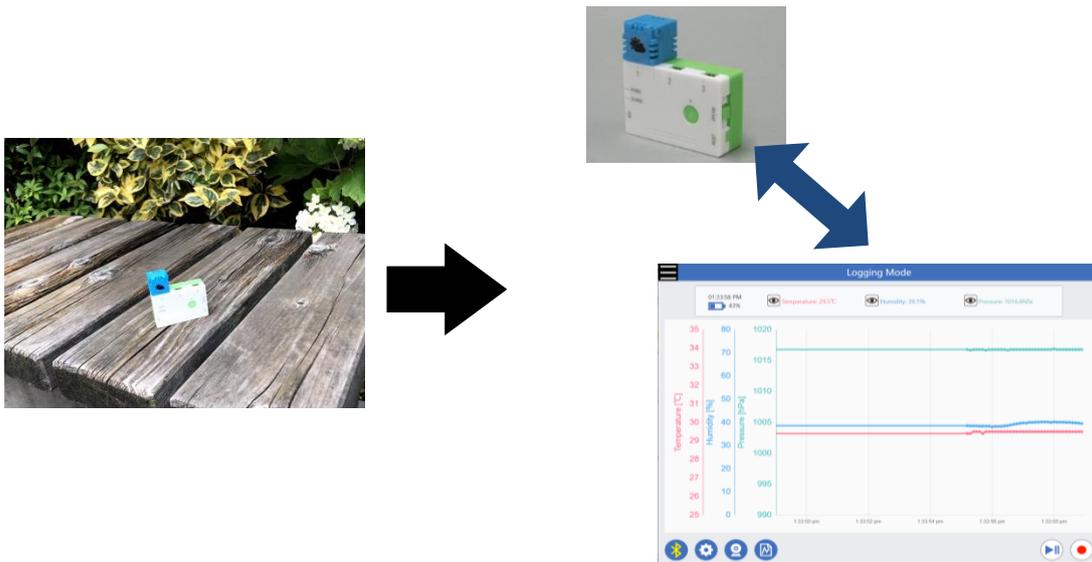
● Live Mode

Live Mode opens a connection between the Artec Logger and your device as you experiment, allowing you to view the results on the graph in real time.



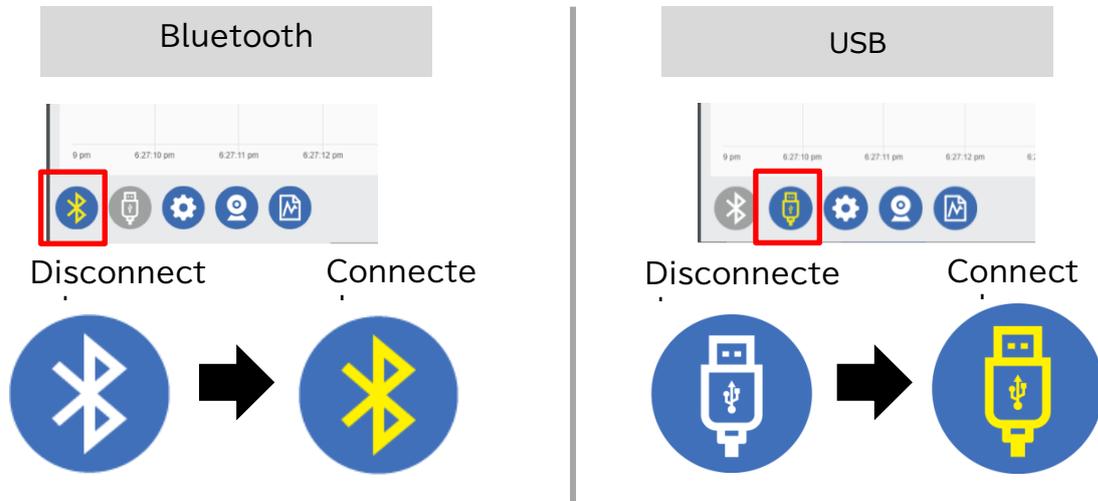
● Logging Mode

Logging Mode stores data on the Artec Logger, allowing you to save it on your device once the experiment is over.



Connecting on page 9 to learn how to connect your device.

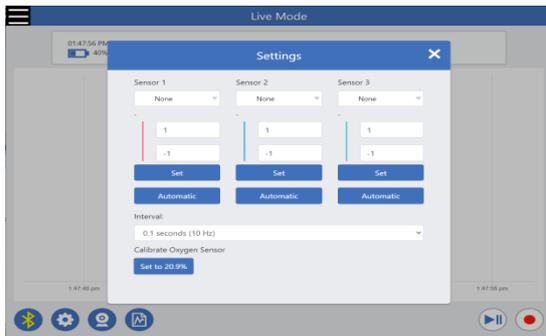
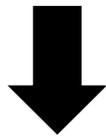
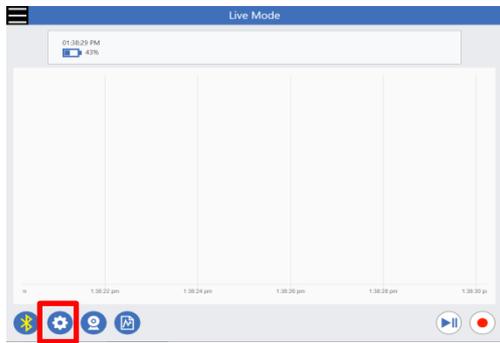
The Artec Logger has connected once the Bluetooth logo at the bottom left has turned yellow.



② Plug the sensors you wish to use into your Artec Logger.

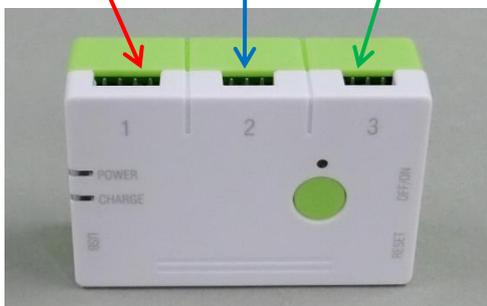
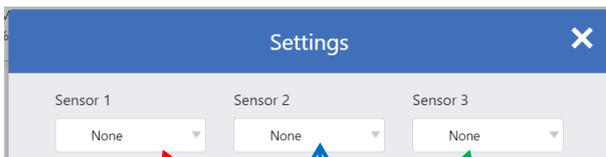


③ Click the **Settings** button on the bottom left to open the Settings dialog.

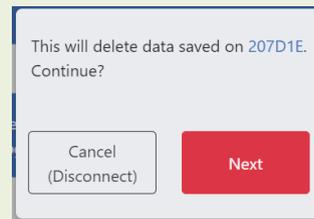


④ Choose your sensors.

The sensor number matches the port number on your Artec Logger.



You'll see the window below if there's data stored on the Artec Logger from Logging Mode. Click **Next** if you wish to delete the data, or click **Cancel** if you want to review the data in Logging Mode.



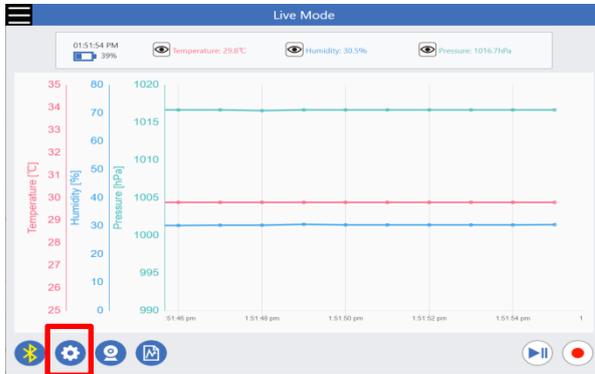
⑤ Close the dialog and you'll see the graph update in real time.



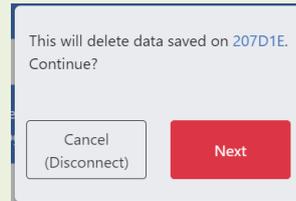
5.4.3. Adjusting the Axis

The Settings dialog also allows you to set upper and lower values for each vertical axis.

You can change these before, after, or even during logging.



You'll see the window below if there's data stored on the Artec Logger from Logging Mode.

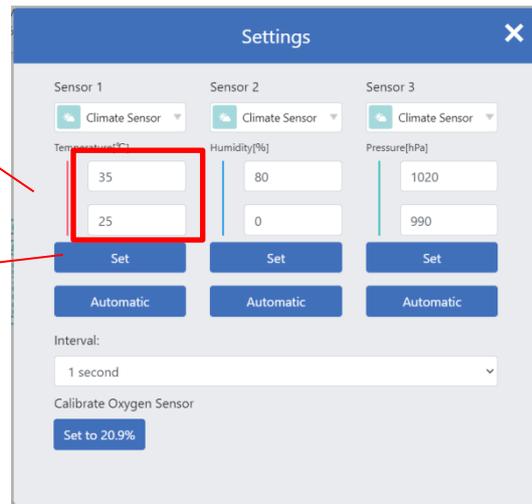


○ Setting Limits

Type the upper and lower values for each axis.

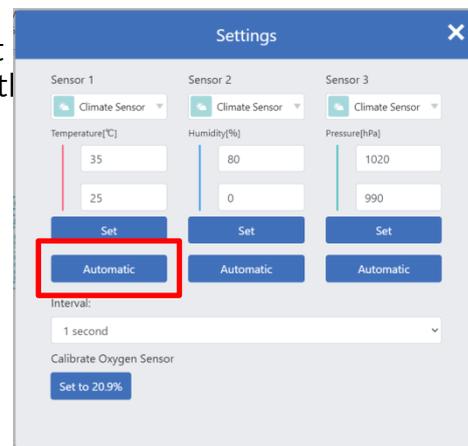


Click the **Set** button to apply your chosen values.



○ Set Automatically

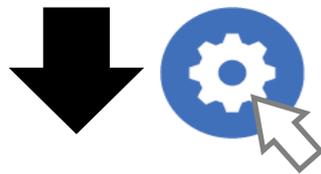
Click **Automatic** to automatically set an upper and lower value based on the average measurement taken so far while keeping the current range.



5.4.4. Measurement Interval

Change the measurement interval based on your experiment.

Remember to do this before taking measurements as this can't be changed while logging.

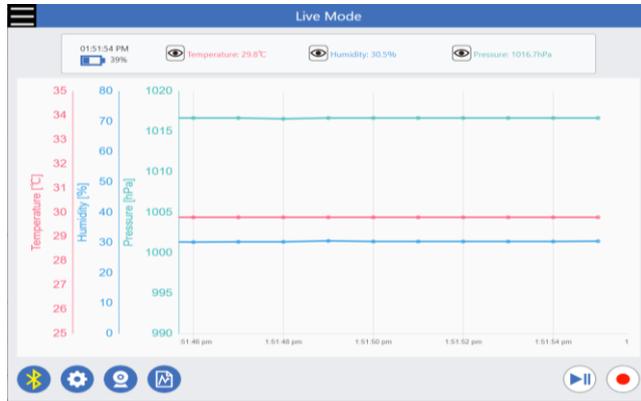


You'll see the window below if there's data stored on the Artec Logger from Logging Mode. Click **Next** if you wish to delete the data, or click **Cancel** if you want to go back to Live Mode and review the data.

5.4.5. Logging

The Artec Logger will begin logging once your parameters are set.

① Click the **Record** button at the bottom right to start logging.



Record



② The Record button will turn into a green **Stop** button once logging begins.



Stop Button



③ Clicking the **Stop** button will stop the measurement and show the complete results.

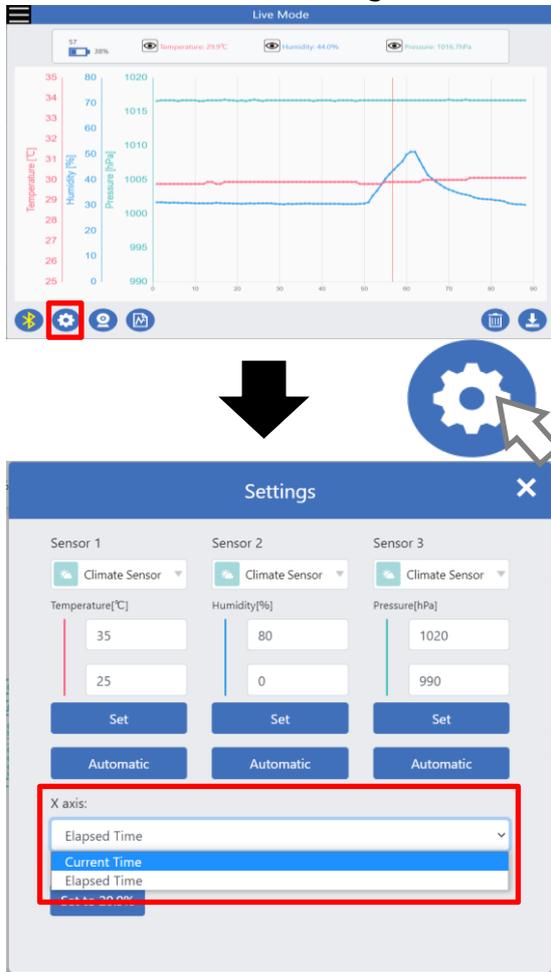


5.4.6. Checking Results

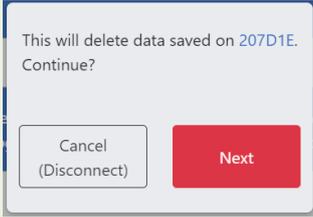
○ Hovering your mouse over any point in the graph will show the sensor value along with the time and elapsed time at which the value was logged.



- Use the Settings dialog to change how the horizontal axes are shown.
- ★ These can't be changed before or during logging.



You'll see the window below if there's data stored on the Artec Logger from Logging Mode. Click **Next** if you wish to delete the data, or click **Cancel** if you want to review the data in Logging Mode.

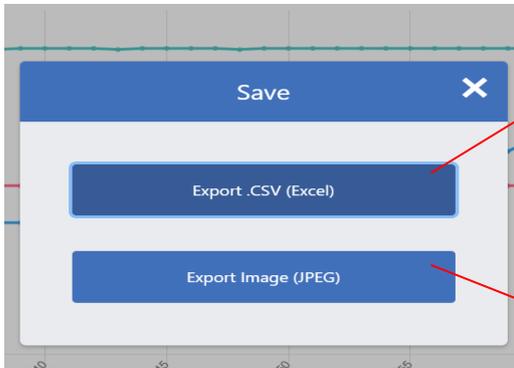
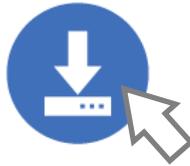
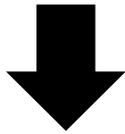
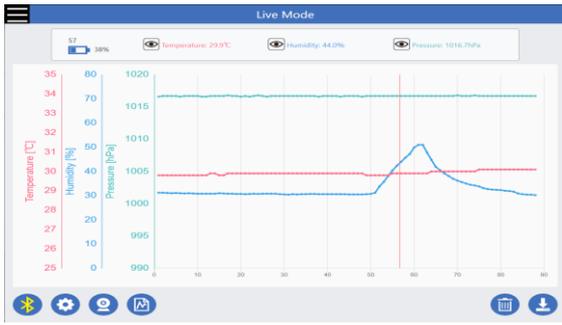


- You can drag over any portion of the graph to zoom in.

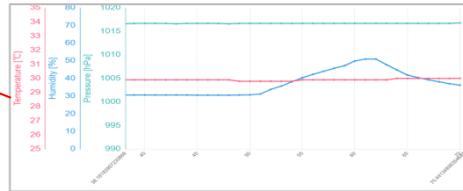


Choose **Reset Zoom** to go back to the default view.

- Click the **Download** button to the bottom right to export your results. You can choose to download the data as a CSV or a JPEG image.

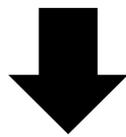
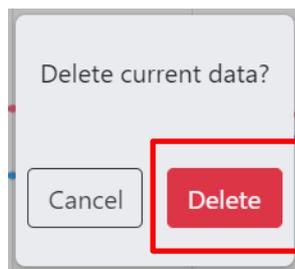
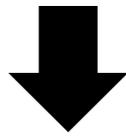


	A	B	C	D
1	Elapsed Time	Temperature [°C]	Humidity [%]	Pressure [hPa]
2	1	29.8	31.2	1016.6
3	2	29.8	31.2	1016.7
4	3	29.8	31.1	1016.7
5	4	29.8	31	1016.7
6	5	29.8	31.1	1016.7
7	6	29.8	31	1016.6
8	7	29.8	30.9	1016.7
9	8	29.8	31	1016.7
10	9	29.8	30.9	1016.7
11	10	29.8	30.8	1016.7



5.4.7. Deleting Results

If you want to delete your results to log new data, click the Trashcan to the bottom right to delete the currently displayed data.

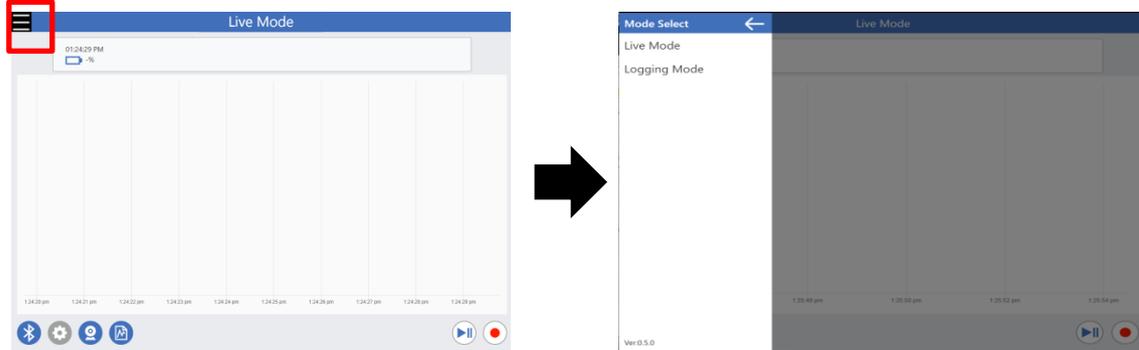


5.5. Logging Mode

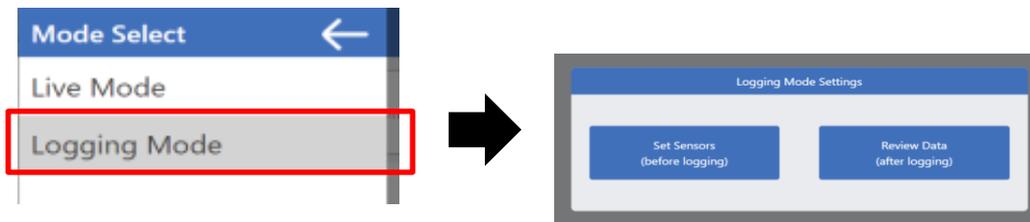
5.5.1. Setting Parameters (before logging)

Set your sensors, logging time, logging interval, and other parameters before you experiment.

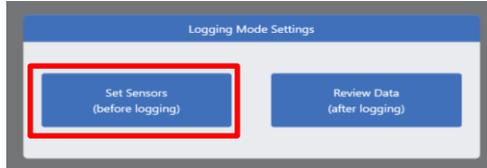
① Click the menu at the top left to open the mode selection panel.



② Choose Logging Mode.

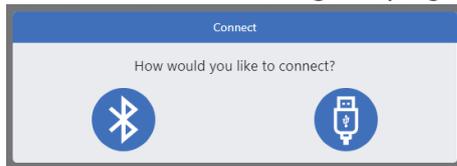


③ Choose Set Sensors.

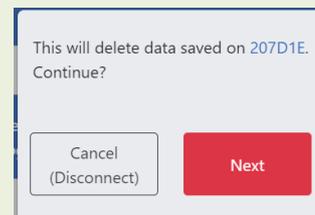


④ You'll see the following window if the Artec Logger is not connected. Choose your connection method.

See **5.3. Connecting** on page 10 to learn how to connect your device.

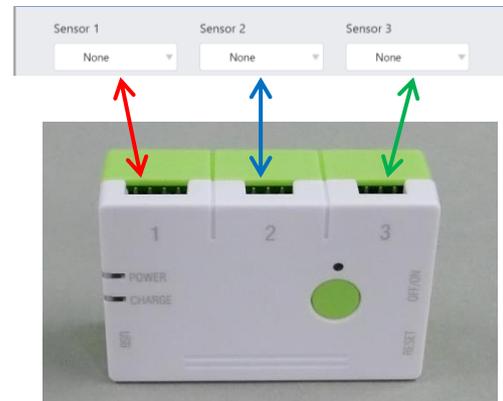


You'll see the window below if there's data stored on the Artec Logger from Logging Mode. Click **Next** if you wish to delete the data, or click **Cancel** and choose **Review Data** to view your data.



⑤ The Settings dialog will open once connected. Set your parameters here.

The sensor number matches the port number on your Artec Logger.



Measurement Interval:

Set the interval between each measurement for your experiment.

Start in:

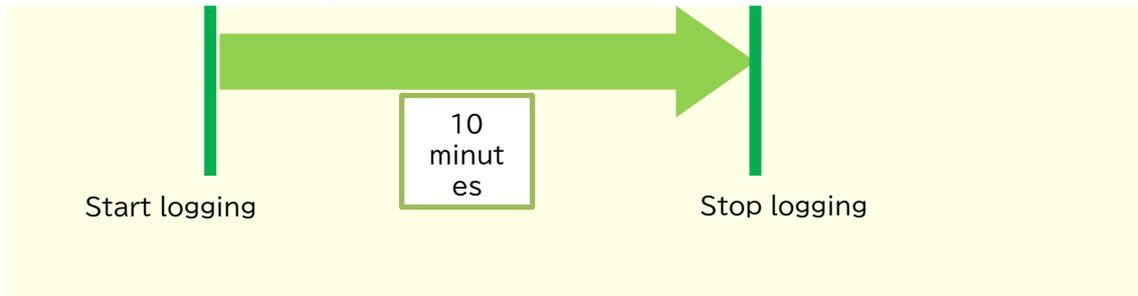
Once Logging Mode has started, the Artec Logger will wait this amount of time before taking measurements. Set this to 0 if you want it to start immediately.

Time:

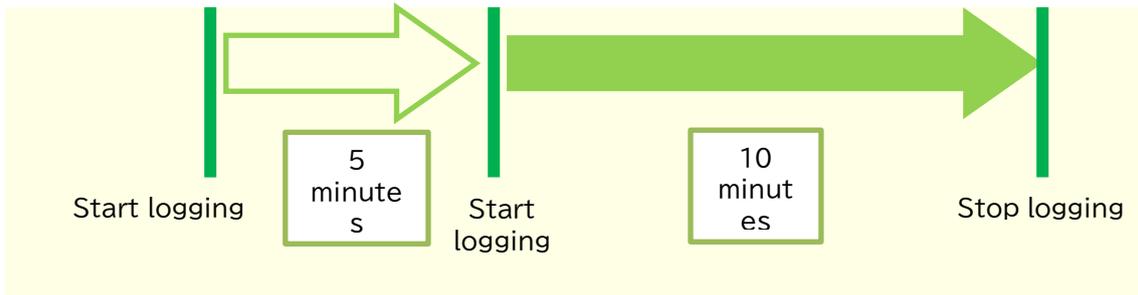
Measurements are taken for this amount of time.

Example

- Start in: 0 minutes / Time: 10 minutes



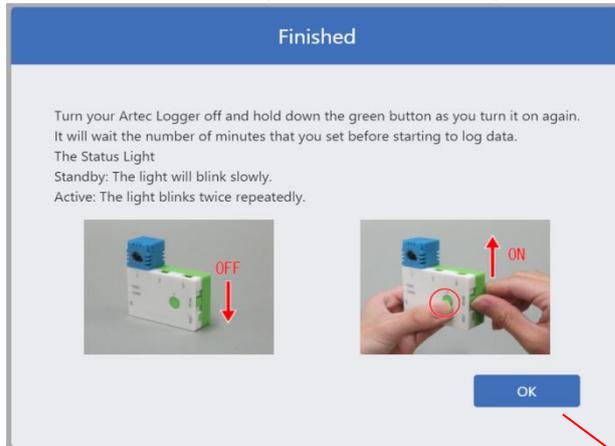
- Start in: 5 minutes / Time: 10 minutes



⑥ Click the **Start** button to apply your settings.

The screenshot shows a "Settings" window with a blue header. It contains three sensor selection dropdowns, each set to "Climate Sensor". Below these are three input fields: "Interval:" set to "10 minutes", "Start in:" set to "5 minutes", and "Time:" set to "120 minutes". A blue "Start" button is located at the bottom right, highlighted with a red rectangular border.

⑦ Follow the steps in the dialog to start Logging Mode.



Click **OK** to close the window and open the default Live Mode screen. This will disconnect your Artec Logger.

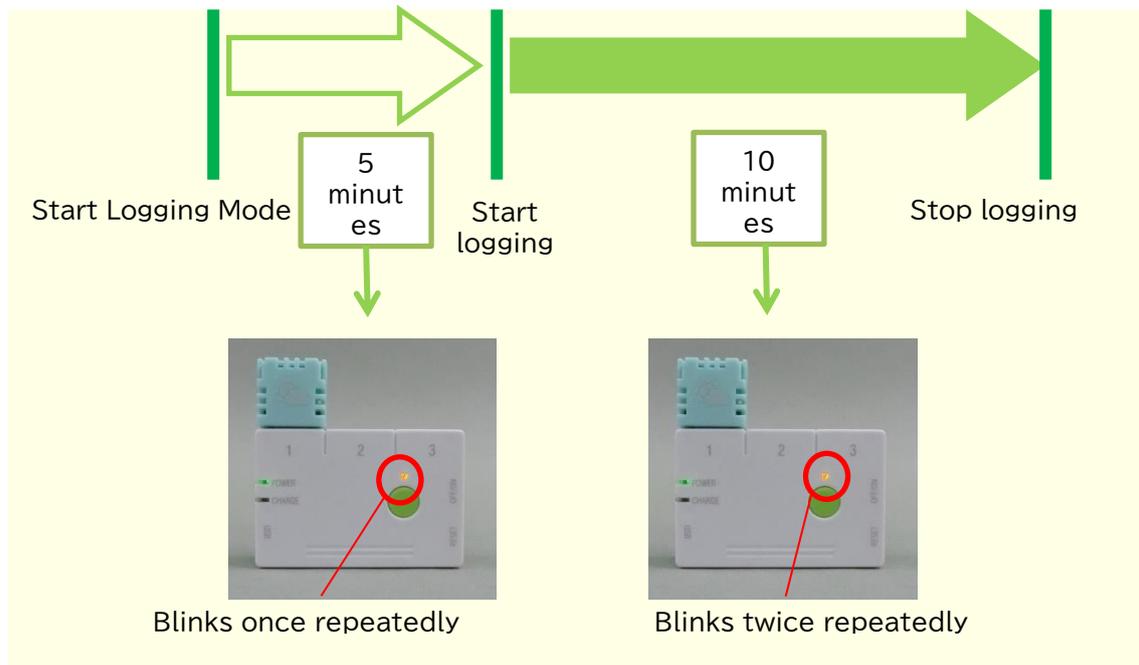
5.5.2. Notes on Logging Mode

○ You can close the application at any time during logging. The data will be stored on your Artec Logger.

○ The Artec Logger's status indicator will blink twice repeatedly while logging.

The indicator blinking once repeatedly means that Logging Mode has started and your Artec Logger is on standby.

- Start in: 5 minutes / Time: 10 minutes



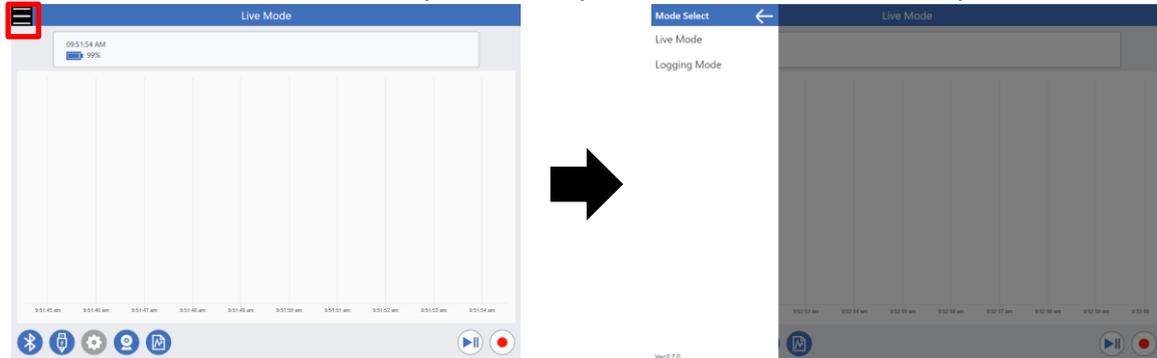
○ The Artec Logger will stop taking measurements if its batteries run out while in Logging Mode. Any measurements taken so far will be saved.

○ If you'd like to take measurements again, turn your Artec Logger off and hold the button before turning it on again. The Artec Logger will wait for the set time before taking measurements. Each dataset is stored separately, so be sure to pick the right one when reviewing your results.

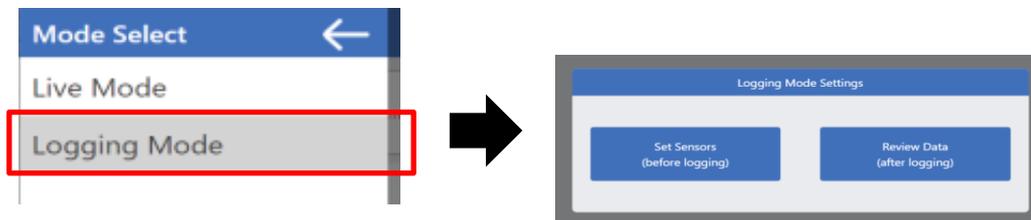
5.5.3. Review Data (after logging)

Use the application to review your data.

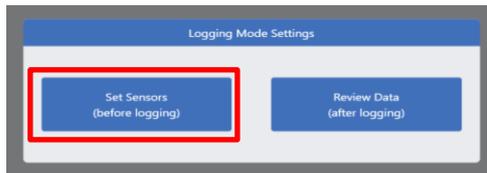
① Click the menu at the top left to open the mode selection panel.



② Choose Logging Mode.

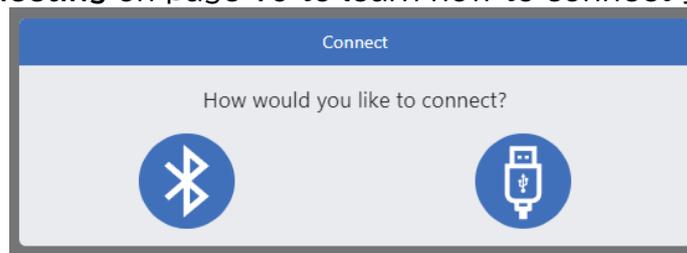


③ Choose Set Sensors.

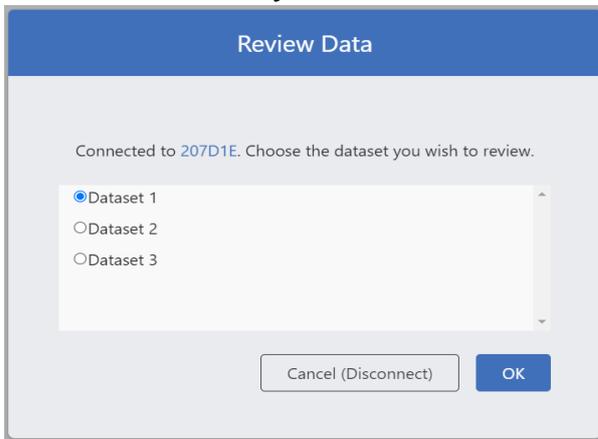


④ You'll see the following window if the Artec Logger is not connected. Choose your connection method.

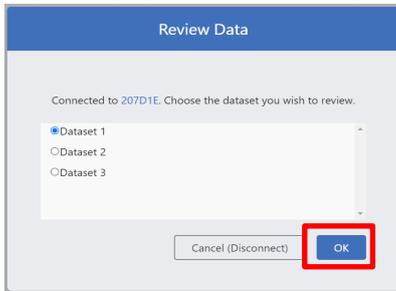
See 5.3. **Connecting** on page 10 to learn how to connect your device.



⑤ Your data will appear once you've connected to your Artec Logger. Choose the data you want to review.



⑥ Click the **OK** button to show the data.



⑦ Read below to learn about each feature:

○ Hovering your mouse over any point in the graph will show the sensor value along with the elapsed time at which the value was logged.

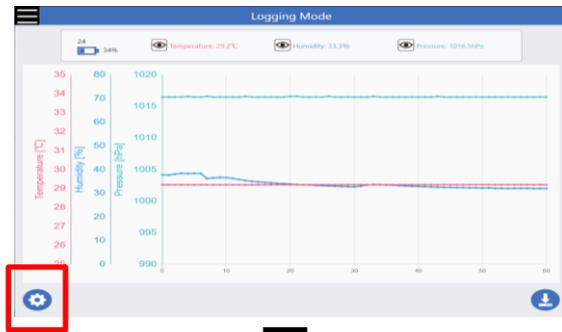


○ You can drag over any portion of the graph to zoom in.



Choose **Reset Zoom** to go back to the default view.

- Use the **Settings** dialog to adjust the vertical axes. You can click the Settings button at the lower left to open it.



Type the upper and lower values before clicking **Set** to apply them.

Clicking **Automatic** will keep the current range of the vertical axis, automatically setting upper and lower values based on the average measurement and moving the average value to the center of the graph.

- Click on the eye next to each value to show or hide the graph.



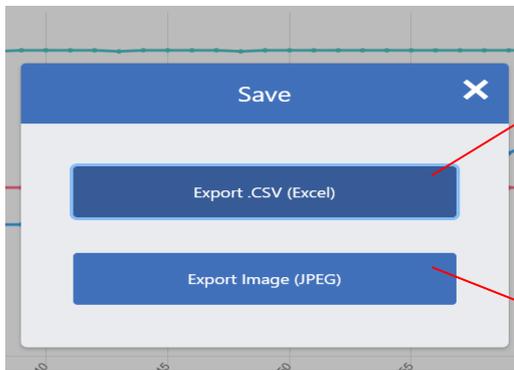
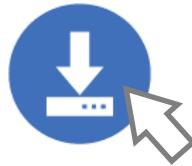
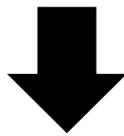
Visible



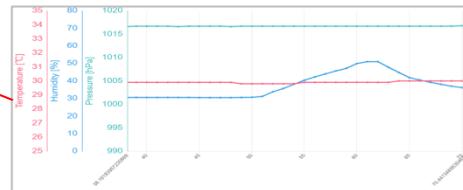
Hidden

- Click the Download button to the bottom right to export your results.

You can choose to download the data as a CSV or a JPEG image.



	A	B	C	D
1	Elapsed Time	Temperature [°C]	Humidity [%]	Pressure [hPa]
2	1	29.8	31.2	1016.6
3	2	29.8	31.2	1016.7
4	3	29.8	31.1	1016.7
5	4	29.8	31	1016.7
6	5	29.8	31.1	1016.7
7	6	29.8	31	1016.6
8	7	29.8	30.9	1016.7
9	8	29.8	31	1016.7
10	9	29.8	30.9	1016.7
11	10	29.8	30.8	1016.7



5.6. Updating Firmware

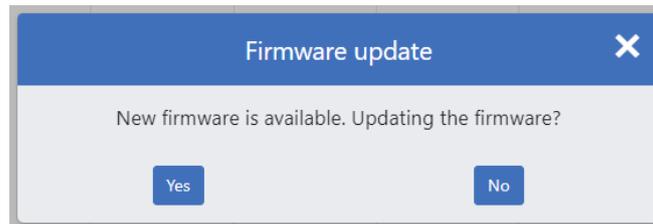
You'll need to update your Artec Logger's firmware when a new version of the software is released.

You'll see the Update Firmware dialog appear when you connect to your device.

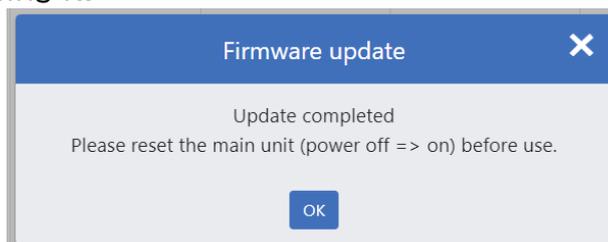
[USB] Windows / Mac OS X / Chrome OS

① You'll see the following Update Firmware dialog when you connect. Click **OK** to continue.

See **5.3. Connecting** on page **10** to see how to connect to your Artec Logger.



② Wait until the update is completed. Once finished, reset your Artec Logger before using it.



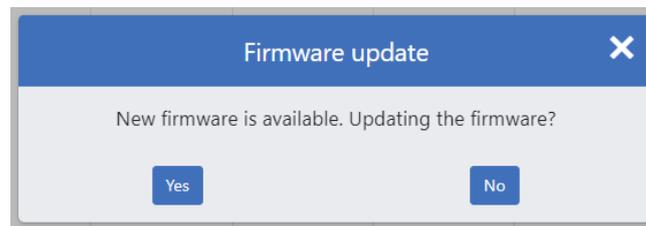
[Wi-Fi] Android

★ You'll need to do the following on your device in order to update your firmware:

- Connect to a new wireless access point
- Download the data to your device

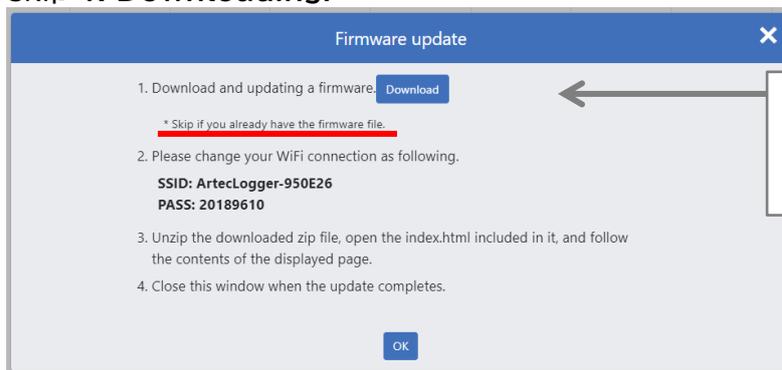
① You'll see the following Update Firmware dialog when you connect. Click OK to continue.

See **5.3. Connecting** on page **10** to see how to connect to your Artec Logger.



② Follow the steps on the screen to update.

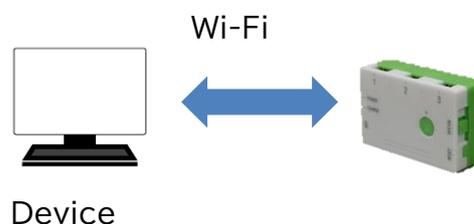
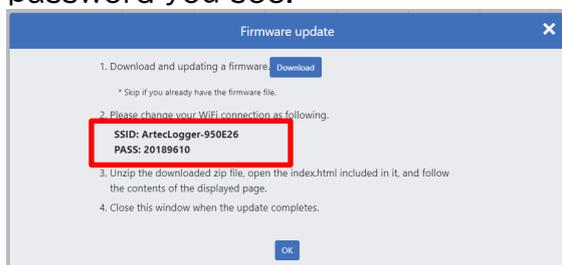
The firmware should already be in the application folder, meaning you can skip **1. Downloading**.



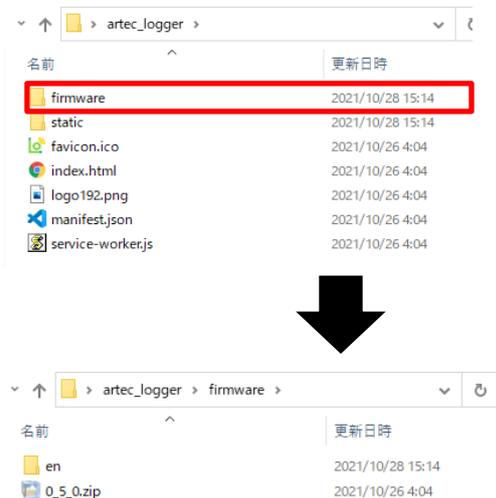
The Download button won't work

③ Use your device to connect to your Artec Logger's wireless access point.

Open your wireless settings and connect to the specified SSID using the password you see.



④ Go to the application folder and open the firmware folder. This is the folder you unzipped in ③ of 5.1. **Download and Startup.**

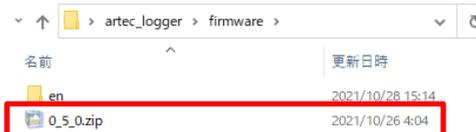


★ This may look different on your computer.

⑤ Unzip the .zip file in the firmware folder. The file in the screenshot below is **0_5_0.zip**, but this number may change depending on the firmware version.

See **9.1. Unzipping Files** on page 46 to learn how to unzip files.

★ You will not see the .zip if your system is set to hide file extensions.



⑥ You'll see the following files in the destination folder.

名前	更新日時
 base64	2021/12/08 9:25
 css	2021/12/08 9:25
 favicon.ico	2021/12/07 10:48
 index.html	2021/12/07 10:50
 request.js	2021/12/07 10:47

★ This may look different on your computer.

⑦ Open **index.html** in Chrome.

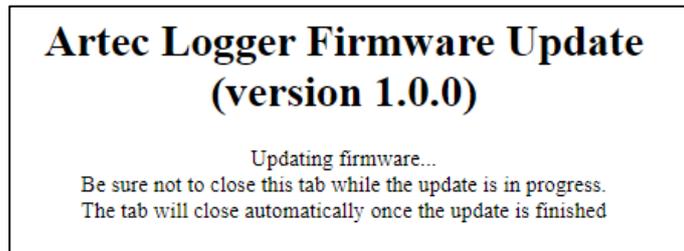
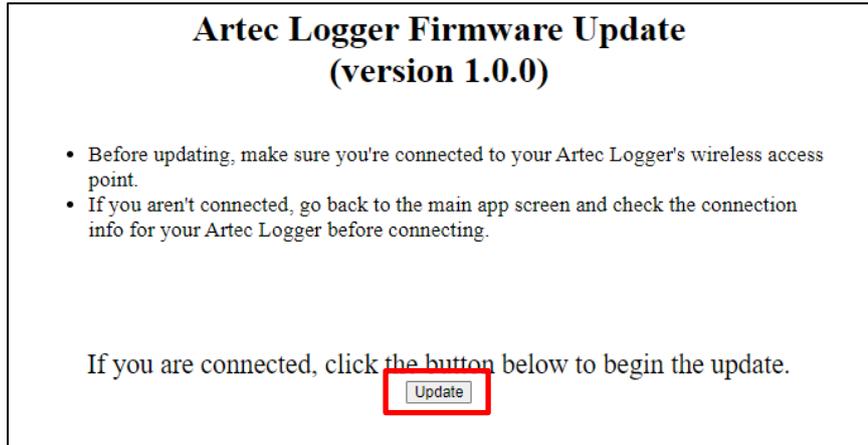
See **9.2. Opening index.html** on page 48 to learn how to open the file.

**Artec Logger Firmware Update
(version 1.0.0)**

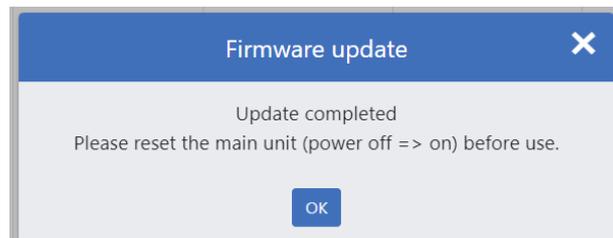
- Before updating, make sure you're connected to your Artec Logger's wireless access point.
- If you aren't connected, go back to the main app screen and check the connection info for your Artec Logger before connecting.

If you are connected, click the button below to begin the update.

⑦ Click the **Update** button to begin updating the firmware.



⑧ The update will take about a minute to complete, then you'll see this screen.



⑨ Press the **Reset** button on your Artec Logger.



6. Using the Oxygen Sensor

The Oxygen Sensor measures oxygen concentration. It's powered by

zinc-air batteries.

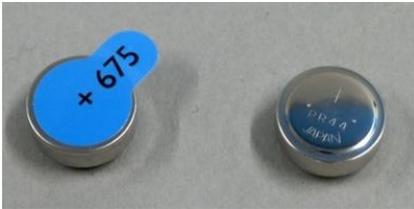
The positive terminal of the battery reacts with oxygen in the air to generate electricity, and the sensor interprets the voltage it receives from calibrating output current and variable resistance as the approximate oxygen concentration.

Calibrating the Sensor

Calibrate the sensor in normal air (oxygen concentration of 20.9%) prior to experimenting.

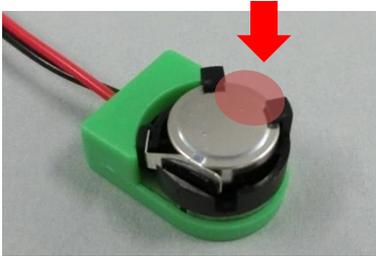
Keep in mind that different brands of zinc-air batteries may vary in characteristics and specifications.

① Remove the sticker from the battery.

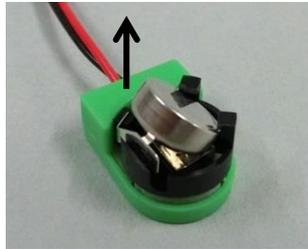


② Install the battery in the Oxygen Sensor's battery holder.

★ To remove the battery, press down on the battery between the black tabs. The battery will pop up, allowing you to take it out.

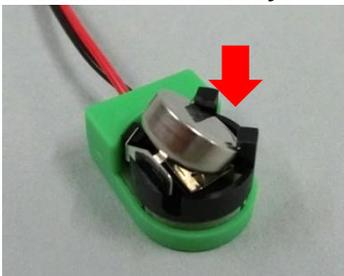


Press down between the

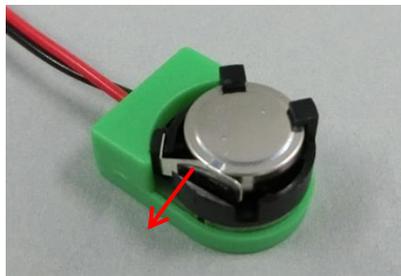


And the battery pops out!

★ When installing the battery, make sure the positive side is facing up. Place the edge under the tabs and slowly push the metal band outward to install the battery.



Slide the edge under the

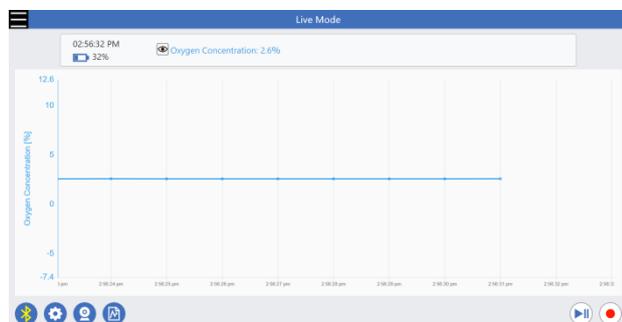


And press it down to push out

③ Let it sit for about **10 minutes**.

★ A zinc-air battery needs to have a certain amount of electrical discharge to use it as an oxygen sensor. Wait 10 minutes to ensure that the battery is at a normal level. The time required may vary based on your brand of battery.

④ Connect the sensor to your Artec Logger to bring up a graph of the oxygen concentration in Live Mode.

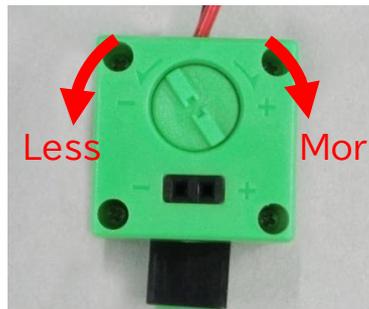


⑤ Turn the Oxygen Sensor's dial until the oxygen concentration at the top of the graph is around 20%.

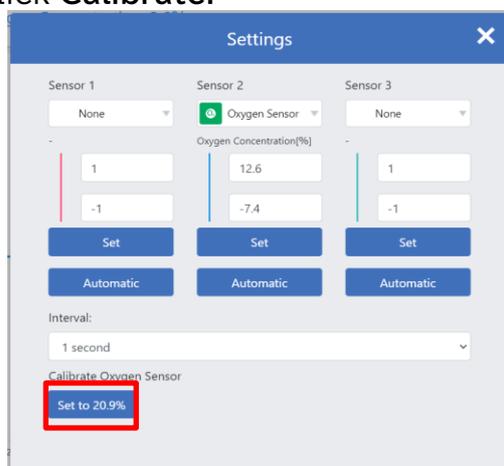
★ If you can't get to 20% by turning the dial, try breathing on the battery. If the oxygen concentration still doesn't change, your battery is out of

power and needs to be replaced.

 Oxygen Concentration: 2.6%



⑥ Right before you start your experiment, open the settings dialog and click **Calibrate**.

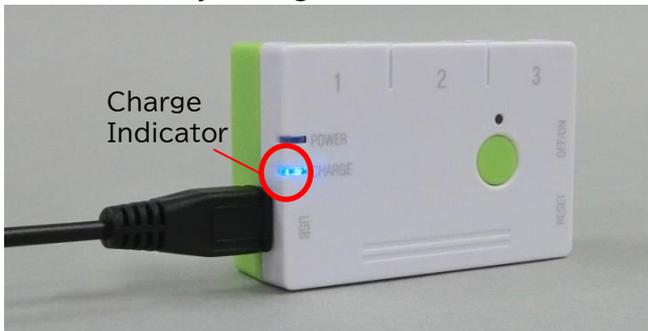


7. Charging the Artec Logger

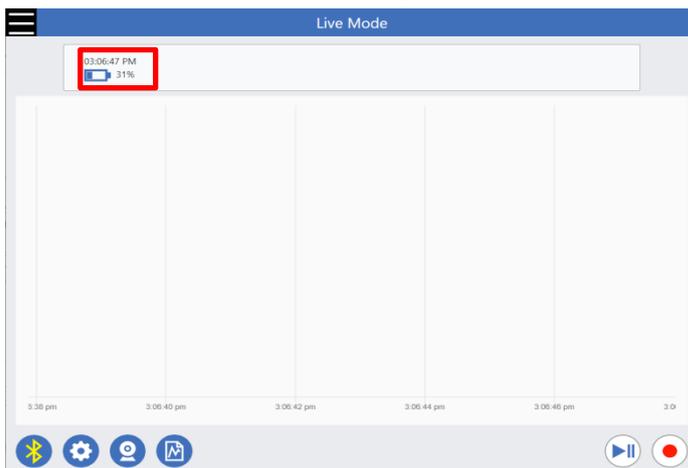
You can charge your Artec Logger by plugging a USB Micro B cable into its USB port.



The charge indicator lights up red while the Artec Logger is charging and turns blue once it's fully charged. The Artec Logger takes about four hours to fully charge from 0%.

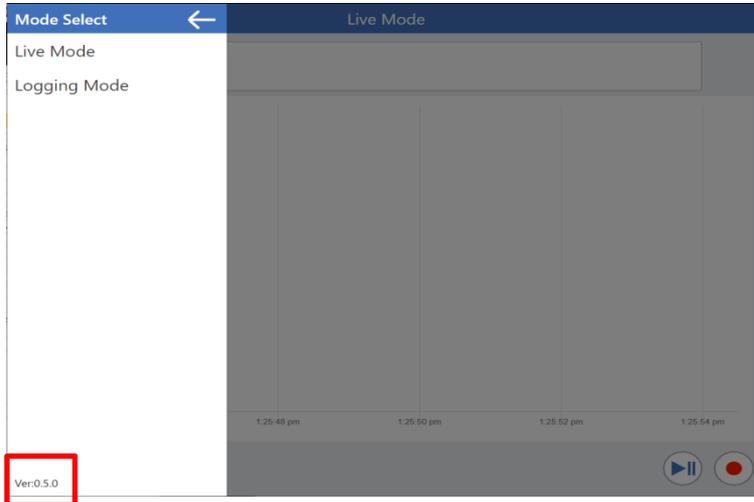


The Artec Logger's usage time depends on how often it communicates with the application, but it lasts for around six hours at 25 times per second and 12 hours at once per second. You can check the battery level when connected to the application.



8. Application Version

Click the menu and you'll see the current application version at the bottom of the mode selection panel.



9. Instructions by OS

9.1. Unzipping Files

9.1.1. Windows

Right click the .zip file and choose **Extract All...** The **Extract Compressed (Zipped) Folders** dialog will appear. Follow the instructions to unzip the file.

If you have a different extraction software installed, follow the instructions for that software.

9.1.2. Mac OS X

Double-click the .zip file to extract it.

9.1.3. Android

The .zip file will be downloaded to your default downloads folder. You can check this using any file manager app.

Use any unzip app to unzip the file. Use your file manager app to open the extracted folder.

Check the instructions for your app to find out how to do this.

9.1.4. Chrome OS

Once you've downloaded the .zip file, use the Files app on your Chromebook to open the folder.



Make a new folder to extract the files to.



Tap or double-click the .zip file show the contents of the file, then copy the contents.

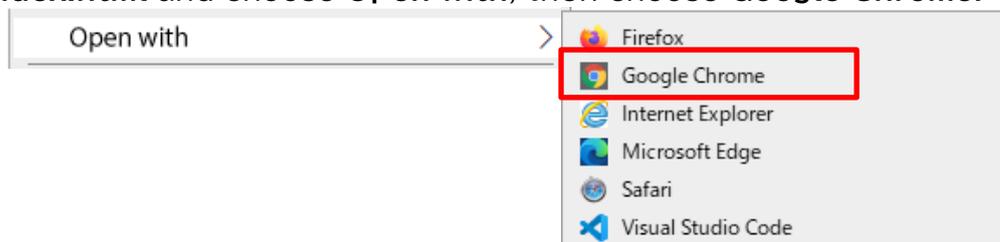
Paste the contents into the folder you just made.



9.2. Opening index.html

9.2.1. Windows

If the file doesn't open in Chrome when you double-click it, right click **index.html** and choose **Open with**, then choose **Google Chrome**.



9.2.2. Mac OS X

If the file doesn't open in Chrome when you double-click it, right click **index.html** choose **Open With**, then choose **Google Chrome**.

9.2.3. Android

Use your file manager to open the folder where you extracted index.html. Check the instructions for your app to find out how to do this.

Type the folder where index.html is located into Chrome to show the contents of the folder.

Tap index.html to open it.



★ This folder may be different on your device.

9.2.4. Chrome OS

If the file doesn't open in Chrome when you tap or double-click it, right click **index.html** and choose **Open with...**, then choose **Show**.

10.Contact Us

Artec Co., LTD. Customer Support Desk

Phone **072-990-5656**

Contact Us <https://www.artec-kk.co.jp/en/contact/>