

Update ZWA009 aerQ Sensor V12.01

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This page contains the firmware update files for **aerQ Temperature and Humidity Sensor** (<http://aeotec.com/z-wave-repeater>) and forms part of the larger **aerQ Temperature and Humidity Sensor user guide** (<https://aeotec.freshdesk.com/a/solutions/articles/6000226827>).

Warning: This firmware update is specifically meant for ZWA009 aerQ Sensor, do not use these firmware updates over ZWA039 aerQ Sensor. If you are not sure what version you have, open up the aerQ Sensor back cover, and view the model number.

ZWA039 does not require any firmware update and has all of these capabilities already available.

This version is meant to improve the use of aerQ Temperature and Humidity sensor listed as model ZWA009 with internal firmware V1.00 / V1.0 or V1.01 / V1.1 specifically.

Updating ZWA039 with firmware V12.01 will void warranty of that device if bricked with this firmware update.

Changelogs

- V12.01
 - Lower parameter 4 setting to 30 seconds
 - Lower battery threshold % reporting
 - Change threshold checks from 15 minutes to 4 minutes.

Download aerQ Temperature and Humidity Sensor V1.04

- [AU Frequency V12.01](https://help.aeotec.com/helpdesk/attachments/6138025990) (<https://help.aeotec.com/helpdesk/attachments/6138025990>).
- [EU Frequency V12.01](https://help.aeotec.com/helpdesk/attachments/6138025991) (<https://help.aeotec.com/helpdesk/attachments/6138025991>).
- (<https://help.aeotec.com/helpdesk/attachments/6135071450>) [US Frequency V12.01](https://help.aeotec.com/helpdesk/attachments/6138025992) (<https://help.aeotec.com/helpdesk/attachments/6138025992>).

Before you update

Please make sure you download the correct Z-Wave Frequency and begin the update with the repeater as close as 10ft / 3m distance to your hub to avoid any possible firmware update issues to avoid bricking your device.

Update with an existing Z-Wave hub

In order to use the GBL update files, your Z-Wave gateway must support OTA firmware update. If supported, follow the steps from your Z-Wave Gateway to firmware update your Repeater.

Update using a Z-Wave USB Adapter

If your software does not support .GBL files yet, you can use PC Controller 5 (connected to any standard Z-Wave USB Adapter) by SiLabs to firmware update with GBL files. This software is a Windows exclusive.

You can find that PC Controller 5 here through Simplicity Studio: [SiLabs Simplicity Studio](https://www.silabs.com/developers/simplicity-studio)

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Following the update below, make sure that you have your **aerQ at least 10ft from your Z-Wave USB Adapter** during the update to avoid any failures.

1. Follow the steps outlined here to get access to Simplicity Studio and PC Controller 5:
<https://help.aeotec.com/support/solutions/articles/6000226205-z-wave-command-class-configuration-tool-download-> (<https://help.aeotec.com/support/solutions/articles/6000226205-z-wave-command-class-configuration-tool-download->)
2. Download the correct Z-Wave Frequency firmware update for your aer.
3. Open up Z-Wave PC Controller software through Simplicity Studio
4. Plugin your Z-Wave USB Adapter
5. Click on the "**Gear**" icon and select the **COM port** your Z-Wave USB Adapter is connected to.
6. Click on "**Network Management**"
7. Click on "**Remove**", then **tap the button 3x times on aerQ Sensor**.
8. Click on "**Add**", then **tap the button 3x times on aerQ Sensor**.
9. **Deselect all security** options (this will help speed up your firmware update process), then press **OK**.
10. Click and **highlight** your **aerQ Sensor** Node.
11. Click on the **Home icon** button on the top left corner.
12. Click on **OTA Firmware Update**.
13. Ensure your **aerQ Sensor node is highlighted**, then press **Get**.
14. **Tap the button once** on your aerQ Sensor.
15. Under Firmware Update, click on the **folder icon**.
16. Then select the firmware update file you **downloaded on step 2** of these instructions, then click **Open**.
17. Highlight **Target 0** (under Firmware Targets:).
18. Then click on Update.
19. **Tap the button once** on your aerQ Sensor.
20. Wait a few minutes while you wait for the firmware update to finish.