

Sensors from home assistant to Zircon3D

[Ghada_Ataoui](#) 1 June 3, 2025, 10:44pm

Hello, I'm trying to build a 3D floorplan using Zircon3D in Home Assistant, and I want to visualize the load consumption profiles of appliances. I have already configured sensors that receive data from the InfluxDB integration. Is there a way to add these sensors to the 3D floorplan?

[Tami_Liu](#) 2 June 4, 2025, 12:35am

Hi! Great to hear you're working on a 3D floorplan with Zircon3D.

Yes, you can visualize sensors from InfluxDB (or any other integration, as long as they appear in Home Assistant as standard entities). Once they're available as HA sensors, you can map them to models in your floorplan using the Monitoring tab.

For details on how to link sensors, including power or energy consumption, to 3D models like appliances, check out this guide:

👉 [Common Questions: Monitoring](#)

[Tami_Liu](#) 3 June 4, 2025, 12:40am

Hi! Great question — yes, you can absolutely visualize appliance load consumption in your 3D floorplan.

Here's how to get started:

1. Install the Zircon3D Proxy Add-on in Home Assistant.

You can follow the step-by-step guide here:

👉 [Install Zircon HA Proxy – Nextra](#)

2. Create your floorplan using the Designer. Once your layout is ready...

3. Open the Monitoring panel inside the Designer and you'll see all your Home Assistant sensors (including those linked via InfluxDB, if they're exposed as standard entities).

4. Drag and drop the relevant sensors — such as power usage, energy, or load — onto the matching 3D models (like a washing machine, fridge, etc.).

You can find more detailed instructions on monitoring setup here:

👉 [Common Questions: Monitoring](#)

Let us know how it goes or if you run into any questions!

[Ghada_Ataoui](#) 4 June 4, 2025, 11:57am

Hi again, I still can't see the sensors in the Monitoring tab. Could you please clarify exactly which types of sensors are supposed to be displayed there? The sensors I've configured with InfluxDB are defined as entities in Home Assistant. While I can see some sensors configured from some addons (like weather forecast and solar energy production) and even some cards are displayed too(bubble card), the ones configured via InfluxDB are not showing up.

[Tami_Liu](#) 5 June 4, 2025, 2:27pm

Hi! Could you try checking the **Properties** tab next to the **Monitoring** → **Devices** subtab?

That section lists all your entities, including **standalone** ones that aren't attached to a specific device. It's a useful way to find sensors that might not show up under the Devices tab.

Here's a short **video** that walks through how it works:

 <https://youtu.be/2vl8UVddpx8?si=l9zX4Uns59uAqE2L>

Let us know if that helps!

[Ghada_Ataoui](#) 6 June 4, 2025, 3:17pm

I guess this relates to the latest version of Zircon3D(v1.2) ? I still have the v1.1.3 although I have enabled the auto-update in the addon configuration. Can I force the update using the terminal in home assistant ?

[Tami_Liu](#) 7 June 4, 2025, 4:07pm

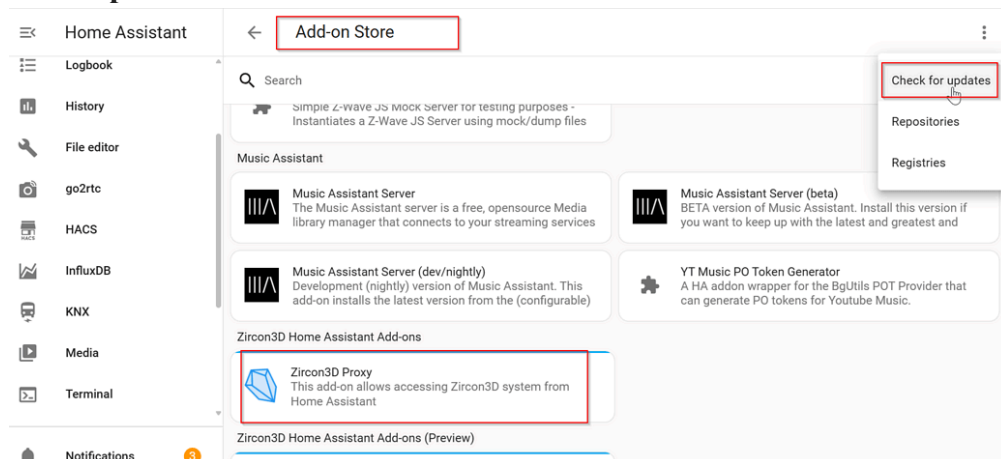
Hi! To manually update the add-on, follow these steps:

1. Go to **Home Assistant Settings** → **Add-ons** → **Add-on Store**
2. Scroll to the **bottom-right corner** and click on the **three dots** in the top-right of the Add-on Store

3. Select “**Check for updates**”

4. Then click on **Zircon3D Proxy** — you should now see the latest version (**v1.2.x**) available

5. Click **Update** to install it



Let us know if you run into any issues!

[Ghada_Ataoui](#) 8 June 29, 2025, 11:03pm

Hello again, thanks for the support — everything worked fine.

I just have one more question: I’ve configured heatmaps in my 3D setup, but they seem static — the colors don’t change dynamically with the sensor values. Is it supposed to be like that, or should I change something in my 3D model?

I was inspired by this demo:

[https://demo.zircon3d.com/viewer/?](https://demo.zircon3d.com/viewer/?group=ZA7SAvKGkJE6&project=kBSopvah5LYO#dsb&id=DD0iEDIphAsx|pln&scp=BmcLJKznS9k2|viz&html=tpc=tmp|dsp&fs=1.60&fd=tc&wc=1.00&wd=t&od=t&thm=dark|cam&p=-0.98,4.63,0.00&h=5.30&v=56.30&z=400.00&f=30.00)

[group=ZA7SAvKGkJE6&project=kBSopvah5LYO#dsb&id=DD0iEDIphAsx|pln&scp=BmcLJKznS9k2|viz&html=tpc=tmp|dsp&fs=1.60&fd=tc&wc=1.00&wd=t&od=t&thm=dark|cam&p=-0.98,4.63,0.00&h=5.30&v=56.30&z=400.00&f=30.00](https://demo.zircon3d.com/viewer/?group=ZA7SAvKGkJE6&project=kBSopvah5LYO#dsb&id=DD0iEDIphAsx|pln&scp=BmcLJKznS9k2|viz&html=tpc=tmp|dsp&fs=1.60&fd=tc&wc=1.00&wd=t&od=t&thm=dark|cam&p=-0.98,4.63,0.00&h=5.30&v=56.30&z=400.00&f=30.00)

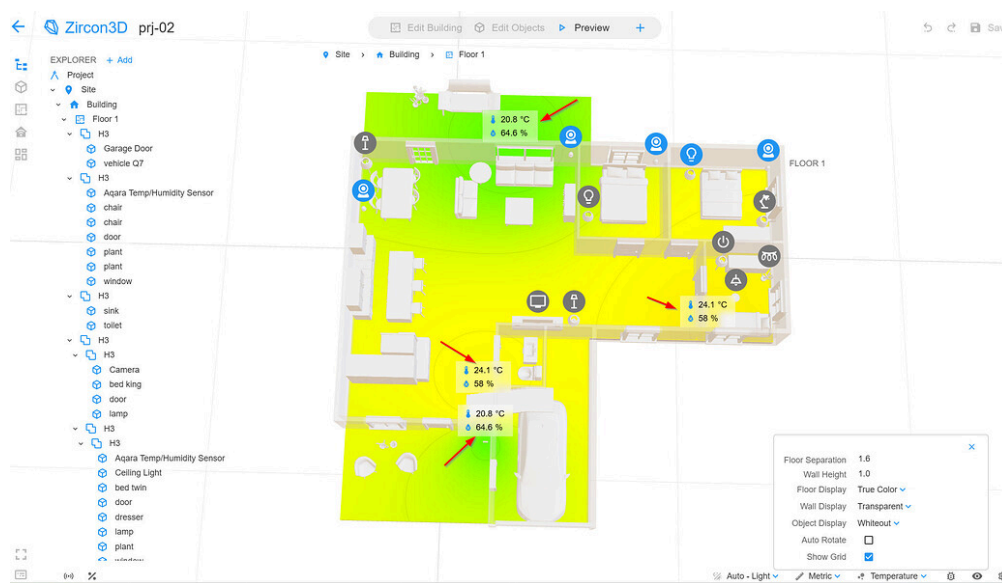
[Tami_Liu](#) 9 June 30, 2025, 4:39pm

Hi, glad to hear everything is working now!

Regarding the heatmap color changes, yes, the colors should **dynamically update** based on the sensor values. As long as your temperature or humidity values change, the heatmap will reflect those changes automatically.

Here's an example from my setup: I have 4 temperature sensors, and you can see the **temperature panel pop up** with real-time values. If you're seeing that panel, it means your configuration is correct.

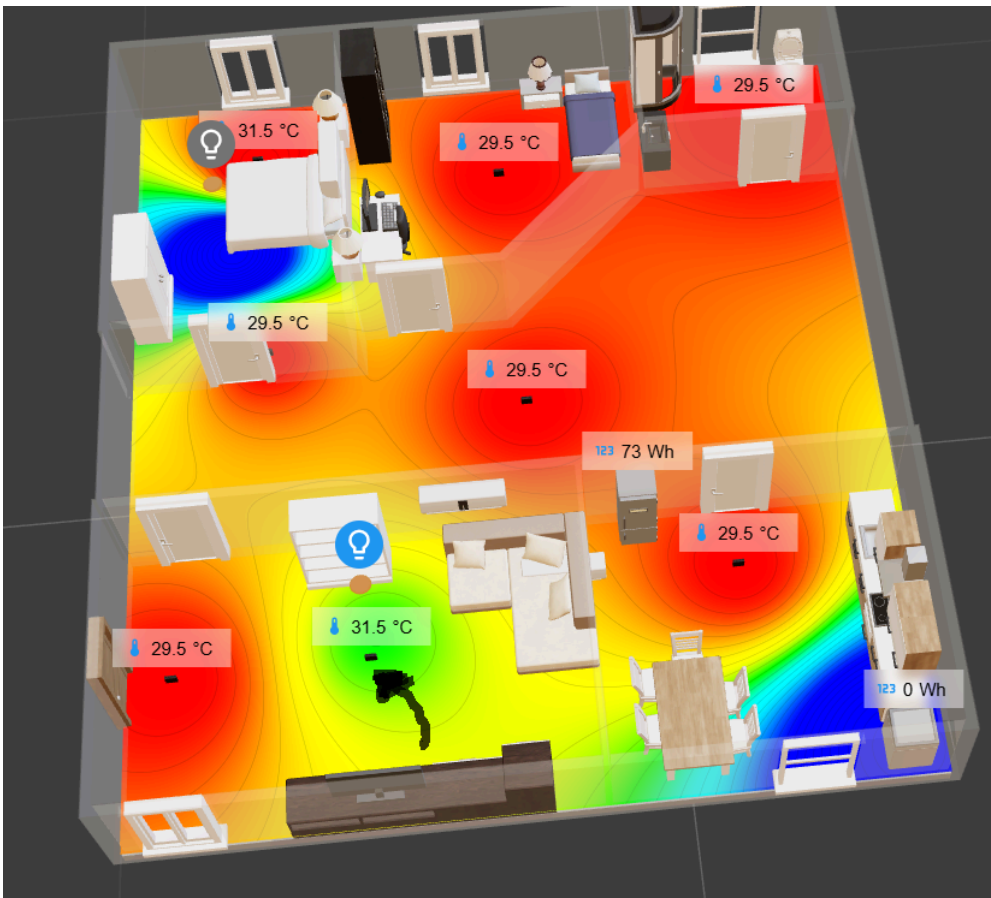
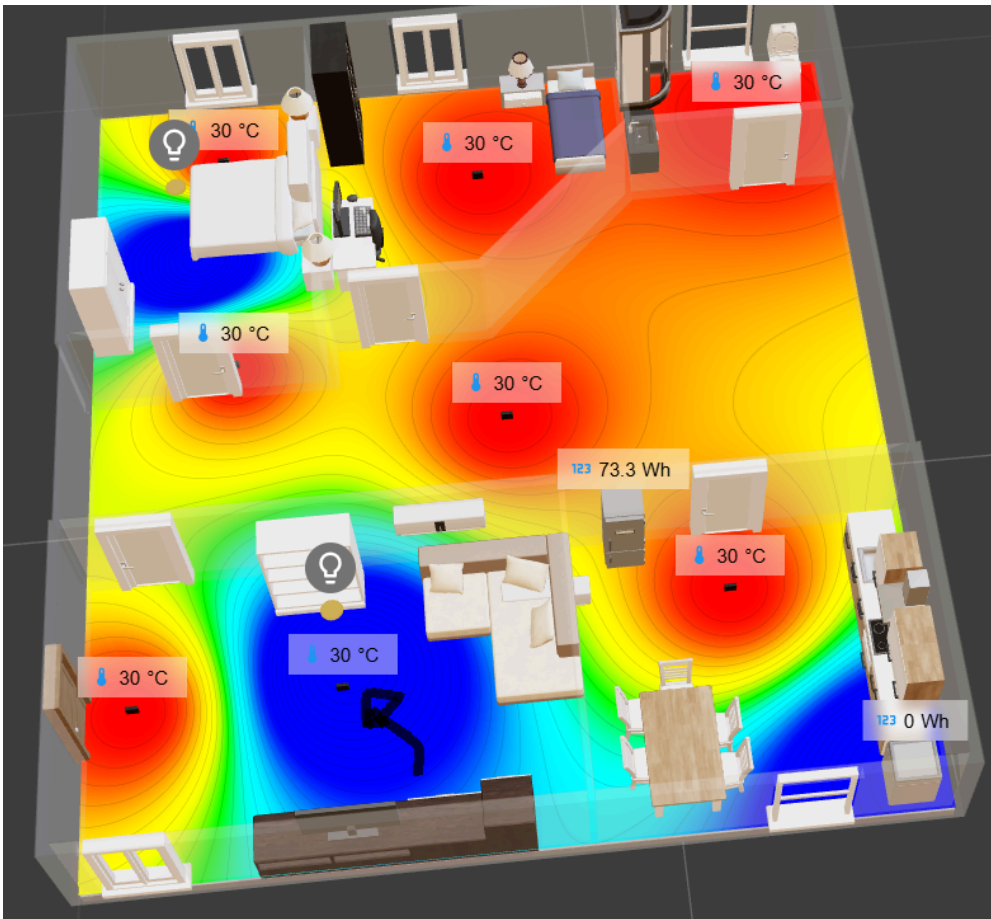
You can either wait for natural changes in the environment or try **holding a sensor in your hand** to warm it up, you should see the heatmap respond accordingly.



[Ghada_Ataoui](#) 10 July 1, 2025, 8:45am

Hello again. In fact, the heatmap does change colors, but only when I refresh the page. My goal is to integrate the Zircon3D heatmap into the Home Assistant dashboard in order to build a digital twin to my house, but I've noticed that it updates based on the sensor temperature values only after a manual refresh, not automatically.

As shown in the images below, the value of the sensor changed from 30 to 31.5, but the color update was only visible after I refreshed the page.



Based on the demo I've integrated in the last comment, the URL contains /viewer, but when I checked the link from Home Assistant, it's /offline/viewer/, I don't know if that's the problem with my case or something else.

[Tami_Liu](#) 11 July 2, 2025, 3:30pm

Thanks so much for the detailed feedback, I've tested it on our end and was able to **reproduce the issue**. It does appear to be a **defect**, and you're absolutely right: the heatmap should update **automatically** as sensor values change, without needing a page refresh.

We're working on a **quick fix** for this and will release it as soon as possible.

Once resolved, your setup should behave just like you described, with real-time updates. Really appreciate you pointing this out!

[Tami_Liu](#) 12 July 2, 2025, 8:46pm

Hi! We just released a hotfix, you can now update your Zircon3D Proxy to version v1.2.2.

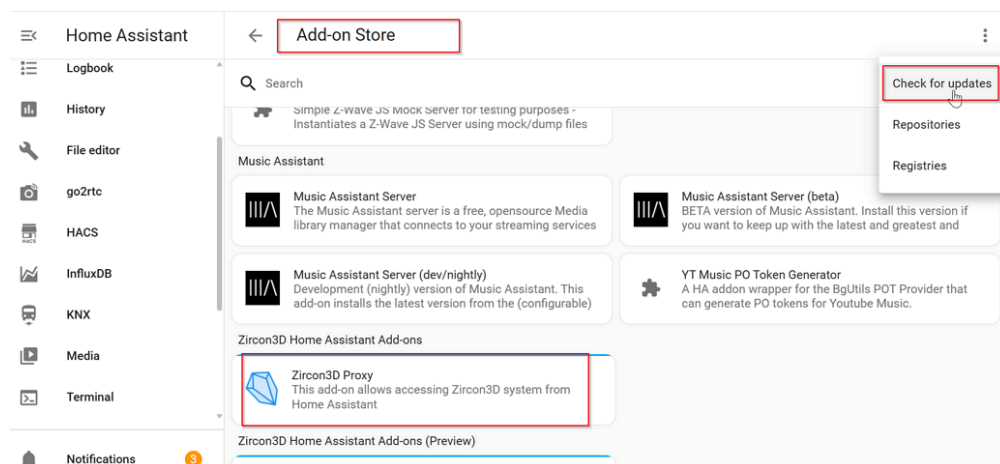
This update fixes an issue where heatmaps were not refreshing automatically when sensor values changed. After updating, the heatmap will now update in real time as values change.

[v1.2.2] – 2025-07-02

Hotfix:

- Heatmaps: Resolved an issue where heatmaps didn't refresh after value changes

Let us know if everything works as expected after the update!



1 Like

[Ghada_Ataoui](#) 13 September 8, 2025, 11:44am

Hello again, I just wanted to thank the community for the support and share my feedback. I was stuck with 3D visualization in HA while working on my final year project, and Zircon 3D really saved me and my work. Keep up the great work!

1 Like

[Tami_Liu](#) 14 September 8, 2025, 2:12pm

Hi Ghada, thank you so much for sharing this. We're really glad Zircon3D could help with your project! It means a lot to hear that it supported your work, and we truly appreciate your feedback.

Best of luck with your final year project, and we'll keep working hard to make Zircon3D even better.

— The Zircon3D Team

1 Like