AirVisual node outdoor installation

Assume you like https://www.airvisual.com/earth or https://www.airvisual.com/air-quality-map but your city/country is not yet on the map. Or you already have Node but missing outdoor air quality measurements. There is a way to fix it. You can install and register your AirVisual node outdoor. Yes, it needs yet another node to be bought. Article on AirVisual site about sharing your data : http://support.airvisual.com /knowledgebase/articles/948895-how-can-i-make-my-outdoor-node-pro-s-data-public

And below is example of

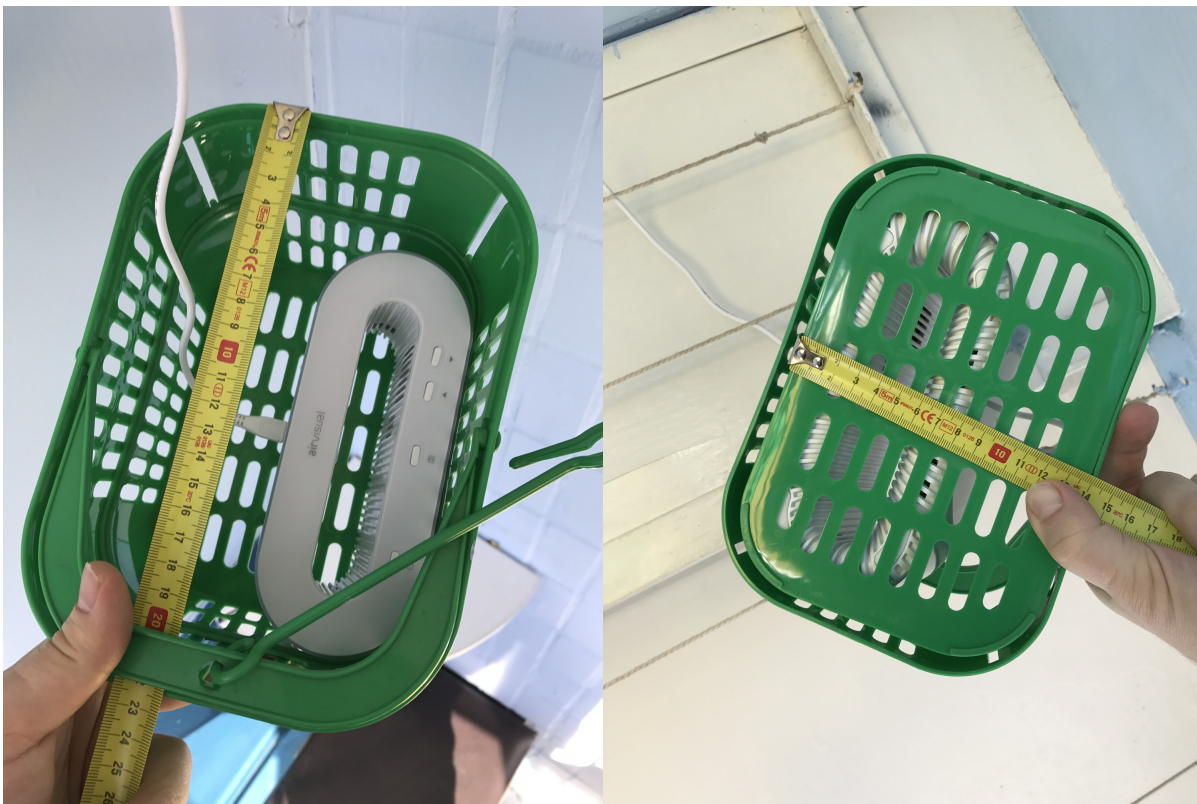# DIY case for outdoor installation of AirVisual Node

AirVisual node itself is absolutely indoor device. It needs good weather proof case that is also have good airflow.

Wrong way

It just a test. Not a case really. Not an outdoor. 🙂

So, let's measure and buy something that might be used as an outdoor case.

Creating an outdoor case

Do It Yourself outdoor case for AirVisual Node using plastic air vent grilles and plastic flower pots.

Some cuts and glue

Those outdoor installation was successfully registered and used for 1.5 years.

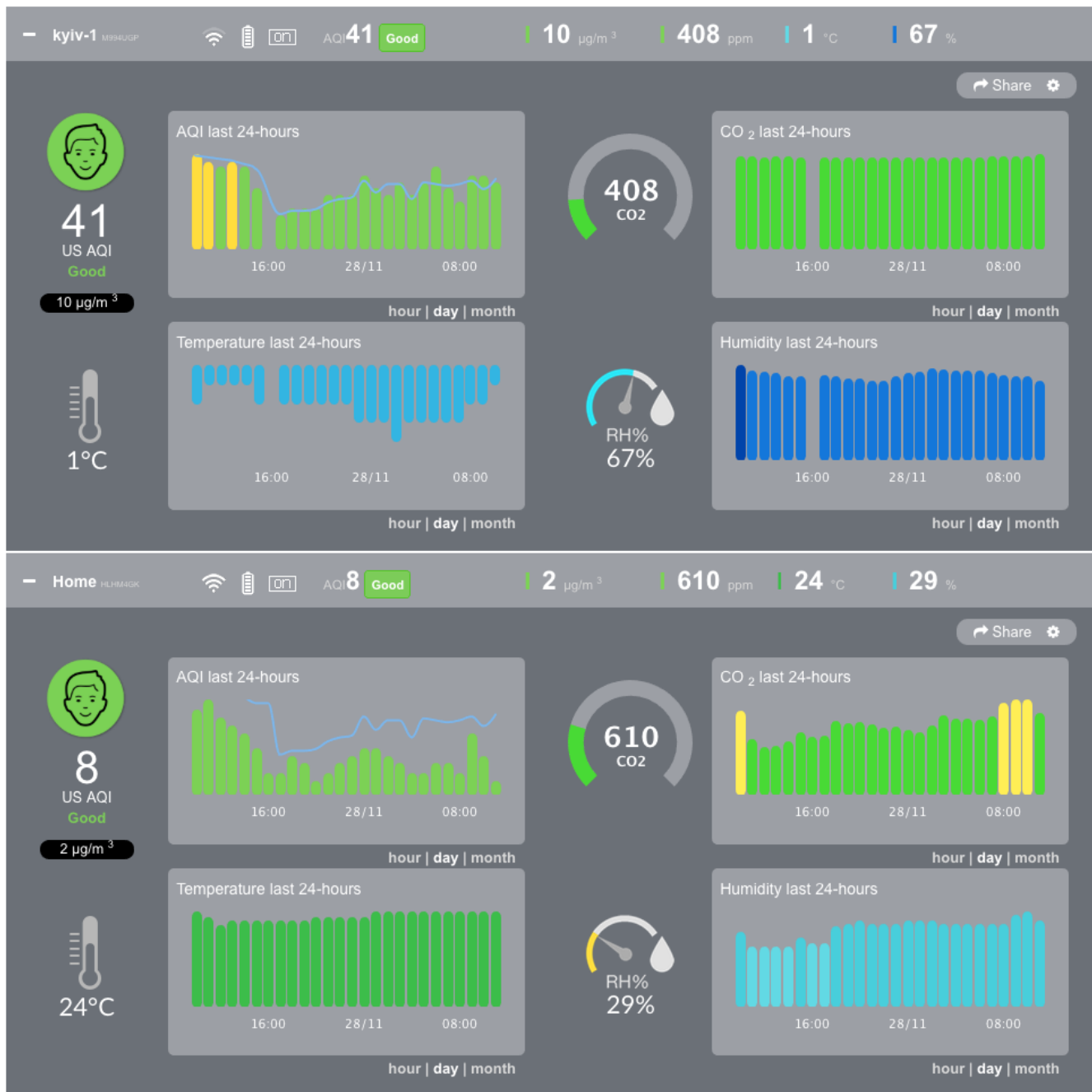## Some minor improvements after 1.5 years

Strong magnet mount, new wire and USB socket on the case. Old USB extension cable was still working, but looks oxidized. So to ensure operation for some couple of more years..

Yes, buying two AirVisual nodes is expensive. And Yes, creating that kind of case, mounting, setup/register as outdoor takes a lot of hours. 🙂

Outdoor and Indoor node data

What do you see

kyiv-1 MI99UUGP

AQI **41** Good | **10** µg/m³ | **408** ppm | **1** °C | **67** %

Share ⚙

41
US AQI
Good

10 µg/m³

1°C

AQI last 24-hours
16:00 — 28/11 — 08:00
hour | **day** | month

CO₂ last 24-hours
16:00 — 28/11 — 08:00
hour | **day** | month

408
CO2

Temperature last 24-hours
16:00 — 28/11 — 08:00
hour | **day** | month

RH%
67%

Humidity last 24-hours
16:00 — 28/11 — 08:00
hour | **day** | month

Home HLHM4GK

AQI **8** Good | **2** µg/m³ | **610** ppm | **24** °C | **29** %

Share ⚙

8
US AQI
Good

2 µg/m³

24°C

AQI last 24-hours
16:00 — 28/11 — 08:00
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CO₂ last 24-hours
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610
CO2

Temperature last 24-hours
16:00 — 28/11 — 08:00
hour | **day** | month

RH%
29%

Humidity last 24-hours
16:00 — 28/11 — 08:00
hour | **day** | month

What community see from your node

Perova

Kyiv, Ukraine

42 US AQI

PM2.5 | 10.2 µg/m³

-4°

Wind 14.4 km/h
Humidity 73%

13.5k followers

12:00, Nov 28   MORE