



## Weather station



**dalibor**

[VIEW IN BROWSER](#)

updated 10. 2. 2022 | published 10. 2. 2022

## Summary

Basic weather station for temperature, humidity and atmospheric pressure measurement.

[Household](#) > [Outdoor & Garden](#)

Tags: [temperature](#) [weather](#) [meteo](#)

Case - <https://www.tme.eu/cz/details/tkc-wp9-13-3g/univerzalni-krabicky/takachi/wp9-13-3g/>

Temperature sensor - <https://www.laskakit.cz/dallas-ds18b20-orig--digitalni-vodotesne-cidlo-teploty-1m/>

Pressure sensor - <https://www.laskakit.cz/arduino-senzor-barometrickeho-tlaku-a-teploty-bmp280/>

Humidity sensor - <https://www.laskakit.cz/laskakit-sht40-senzor-teploty-a-vlhkosti-vzduchu/>

Control board - <https://www.laskakit.cz/laskakit-meteo-mini/>

Aluminium tubes 25mmx1.5mm and 20mmx1.5mm

# Model files



**cap.stl**

☐ cap on the top of mail tube

---



**case-holder.stl**

---



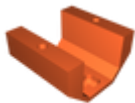
**spacer.stl**

---



**humidity\_pressure\_case.stl**

---



**humidity\_pressure\_case\_cover.stl**

---



**case\_inside\_holder.stl**

---



**pole\_holder\_a.stl**

---



**pole\_holder\_b.stl**

---



**pole\_holder\_c.stl**

☐ for 45 mm pole

---



**spojka\_trubek.stl**

---



**solar\_panel\_holder.stl**

---



**temp\_shield\_bottom\_holder.stl**

---



**temp\_shield\_top.stl**

---



**temp\_shield\_bottom.stl**

---



**temp\_shield\_middle.stl**

---

## License ©

This work is licensed under a  
**Creative Commons (4.0 International License)**



**Attribution—Noncommercial—No Derivatives**

---

- ✗ | Sharing without ATTRIBUTION
- ✗ | Remix Culture allowed
- ✗ | Commercial Use
- ✗ | Free Cultural Works
- ✗ | Meets Open Definition

