



Clip-on Plant Sensor Case



rubenwardy

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Summary

Subtle hidden plant sensor that clips onto the side of a planter

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I wanted a subtle hidden plant monitor to measure soil moisture and atmospheric conditions.

This case has clips to fit on the outside of a plant pot. It works best on larger plants, where there is a gap between the planter and the decorative pot. It's designed to fit a 20cm diameter planter, but there is likely to be some leeway.

I've printed this in both PLA and PETG. I don't think the extra waterproofing of PETG matters that much, as it's never underwater, so I recommend printing in whatever is easiest for you.

The case includes a hole for a moisture sensor, holes for 4 I2C wires, a Micro USB access hole, and holes for M3 screws.

Model files



plantmonitor-case.stl



plantmonitor-lid.stl

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