



Mount for CQRobot non-contact liquid level sensor



Flook

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Summary

Mount for holding the CQRobot non-contact liquid level sensor.

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Tags: [fishtank](#) [reservoir](#) [level](#) [waterlevel](#) [liquids](#) [sensor](#)
[water](#)

V2 Update 05/07/2023

- Added a few longer versions with ribbed inner walls that allows up and down adjustment of the sensor. Gives the user the ability to adjust the liquid level without having to re-glue the sensor in a new position. One version has 35mm of adjustment and the other has 50mm. The 50mm one also has one without the cable side slits so that it is more rigid.

Mount for holding the CQRobot non-contact liquid level sensor. Made this to hold the sensor on the side of a rectangular water Reservoir. Has slots for the cable to run on any side. Used silicone adhesive to secure it to the flat side of a reservoir. Works great for rectangular fish tanks and reservoirs.

Not made to fit on a rounded surface. Needs a flat surface.

Parts used:

- Silicone
- CQRobot non-contact liquid level sensor: https://www.amazon.com/gp/product/B07ZMHJ6NN/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1

My print settings:

- .6mm nozzle
- .4mm layer height
- 2 perimeters
- 15% infill

Model files



v1_watersensorholder.stl



v2_watersensorholder_slit_30mm.stl



v2_watersensorholder_noslit_50mm.stl



v2_watersensorholder_slit_50mm.stl

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