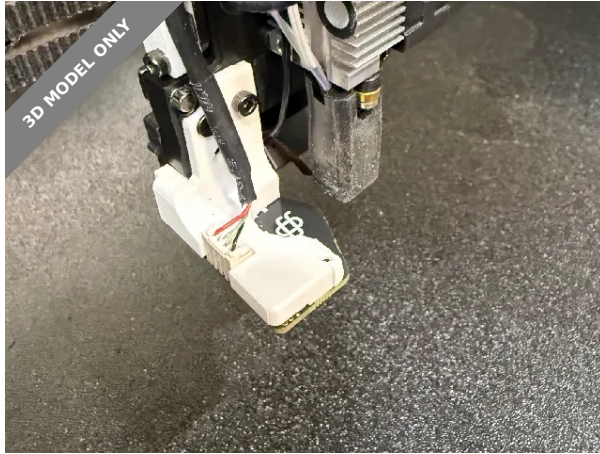




Sovol sv08max Beacon/ Cartographer mount



Zed

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Summary

Sovol sv08max Beacon/Cartographer mount

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Tested with Beacon only!

Followed official docs at <https://docs.beacon3d.com/installation/>

Includes align tool for precise alignment.

You will have to cut stock head cover a bit, or print an alternative one.

Default USB cable lays well along printer's CAN cable, I used a simple USB extender and it worked well for me. The other end is connected to external USB, but I already got a small USB hub PCB for internal install.

My config:

[beacon] serial: /dev/serial/by-id/usb-Beacon_Beacon_RevH_<insert-yours>-if00 x_offset: -16.5 # use align tool to measure your exact distance
y_offset: 0.0 # on Y axis as well mesh_main_direction: x mesh_runs: 1
contact_max_hotend_temperature: 280 home_xy_position: 250, 250
home_z_hop: 5 home_z_hop_speed: 60 home_xy_move_speed: 600
home_method: proximity home_method_when_homed: proximity # after
initial calibration use induction home_autocalibrate: never #unhomed #
contact will calibrate beacon on first home

Model files



sv08max-beacon-mount.3mf

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