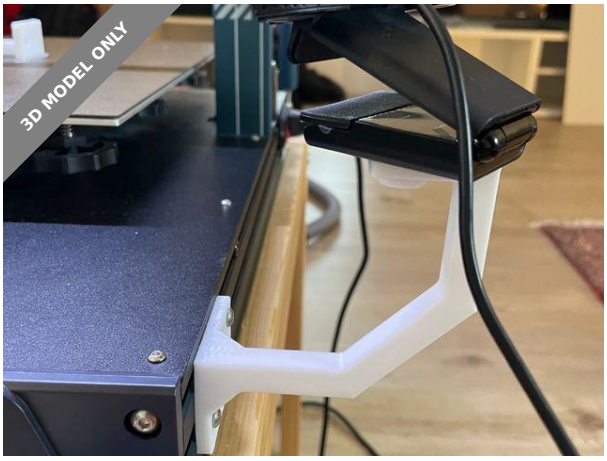

Camera mount for Elegoo Neptune 3 and Neptune 4 Pro Plus Max (Display Replacement - Klipper Webcam)

3Dtcb

VIEW IN BROWSER

updated 23. 12. 2023 | published 23. 12. 2023

Summary

When you are using Klipper and don't need the original display then you can use the screw holes to mount your camera.

3D Printers > Accessories

Tags: camera cameramount c920 logitechc920 sonic elegoo crealitysonicpad sonicpad elegooneptune3pro elegooneptune3plus elegooneptune3max

UPDATE

The camera mount was working but when there were fast short movements with many direction changes it started to wobble. I added a V2, it doesnt look as nice but it is more stable. If you are into timelapse videos then you definitely should go with V2.

I am using the Sonic Pad with my Elegoo Neptune 3 Plus. I removed the now useless original display and created a camera mount which uses the screw holes of the display mount.

I used the Knurled 1/4-20 Camera Mount Screw by jazzychad to connect my Logitech C920 to the camera mount. You can use all webcams with a 1⁄4 mount screw hole.

The video I added is using a quick and dirty print of the camera mount with only 5% infill. It wasn't sturdy enough for my wobbling table. ;)

Print
Material: PETG
Infill: 25%
Layer Height: 0.2mm
Supports: none / support enforcers only (not sure if needed! Also new to FDM printing)
You can print it flat and the build plate to avoid using supports.

Model files

cameramount-neptune3proplusmax.stl

cameramount-neptune3proplusmax-v2.stl

License

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

Attribution-NonCommercial

✖ | Sharing without ATTRIBUTION
✔ | Remix Culture allowed

✖ | Commercial Use
✖ | Free Cultural Works
✖ | Meets Open Definition