



Wide Y Axis Mount for Camera Arm



cursingbulldog

VIEW IN BROWSER

updated 12. 4. 2022 | published 30. 3. 2022

Summary

I'd tried a bunch of different mounts but the arms kept giving way due to the length. A different Y axis mount...

[3D Printers](#) > [Accessories](#)

Tags: [cameramount](#) [octoprint](#) [octolapse](#) [octoprintwebcam](#)
[elegoomarspro](#) [elegooneptune2](#) [neptune2](#)

I'd tried a bunch of different mounts but the arms kept giving way due to the length. A different Y axis mount <https://www.thingiverse.com/thing:3351438> didn't work as it interfered with the Y axis pulley on my neptune 2. I redesigned it to leave a gap around where the pulley was by widening the support that goes over the end piece.

Version v1 was still slightly rubbing but may work for some printers. Version V2 removes the horizontal bar along the top of the mount so it might be a little weaker in the long run but no longer interferes with the pulley. I also kept the small holes on the bottom which I believe are for using a zip tie to secure the mount to the printer but so far I haven't seen a need to use them.

Print Settings

Printer:

Elegoo Neptune 2

Rafts:

No

Supports:

Yes

Resolution:

.2

Infill:

20

Filament:

techbears PLA

Black

Notes:

I printed with supports and 4 wall thicknesses, Position with the ball and flat top part facing down. Bottom of the ball will likely need some cleanup.

Category: 3D Printer Accessories

Model files



tt_yaxiscammount_wide.stl



tt_yaxiscammount_wide_v2.stl

[Find source .stl files on Thingiverse.com](#)

License ©

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



Attribution

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