



V-Slot extrusion servo mount

 vatbrain

[VIEW IN BROWSER](#)

updated 14. 12. 2022 | published 14. 12. 2022

Summary

Mounts a servo to 20x20mm V-Slot extrusion. Note that the mount is slightly wider than 20x20mm V-Slot extrusion, but...

[Hobby & Makers](#) > [RC & Robotics](#)

Mounts a servo to 20x20mm V-Slot extrusion.

Note that the mount is slightly wider than 20x20mm V-Slot extrusion, but is designed to keep the non-mounting sides of the extrusion unobstructed.

Works with a Hitec HS-485HB servo. <https://www.servocity.com/hs-485hb-servo>

I believe it will also work with other standard sized servos, but have not verified this.

Servo mounting screw holes and nut retainers are sized for M4.

Extrusion mounting screw hole sized for M5.

The mount is not suitable for high loads due to flexing of the mount at the single attachment point. It was designed to support a light duty pan/tilt mechanism.

Attribution: The short GoPro knob visible in the photograph is this one: <https://www.thingiverse.com/thing:252554>

Category: Robotics

Model files



servoextrusionmountv2c.stl

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

License

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



Attribution—Noncommercial—Share Alike

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