



GoPro camera mount on Gridfinity with rotation



KaszpiR

[VIEW IN BROWSER](#)

updated 15. 1. 2024 | published 15. 1. 2024

Summary

Remix of my previous design.



1.09 hrs



1 pcs



0.20 mm



0.40 mm



PET



9 g



Prusa MINI /
MINI+

[Gadgets](#) > [Photo & Video](#)

Tags: [gopro](#) [mount](#) [rotating](#) [gopromount](#) [gridfinity](#)

About:

- GoPro camera mount on generic gridfinity lid with magnet/screw mount, you can rotate mount vertically
- Holes for 6x2mm magnets.
- Use M5 screw and nut to attach camera (standard)
- (optional) Use M3 screw and nut to tighten rotation in place if you need to be sure it does not rotate more than without it

This is a remix of below models:

- <https://www.printables.com/model/507777-raspberry-pi-gopro-camera-mount-compatible-with-rp>
- <https://www.printables.com/model/275757-gridfinity-base-template-with-improved-holes-and-w>
- <https://www.printables.com/model/645451-extended-gopro-mount-on-gridfinity> (my previous design)

Notes:

- Gcode contains extra moves to trigger button on z-axis to trigger photos for timelapse.
- It is advised to use **silicon grease** if the rotation is difficult to make.

Print:

- You probably need to set supports for the print on the print bed (because rotating part levitates in mid-air), otherwise the rest should be without supports. Current .3mf file has it only there, so just use in PrusaSlicer 'For support enforcers only' and you should be good to go
- Photos from Devil Design PETG Transparent 0.2mm layer with 4 perimeters, 10% infill speed profile on Prusa Mini+.

This remix is based on



Extended GoPro mount on Gridfinity

by _KaszpiR_

Model files



gopro-camera-mount-on-gridnifity-with-rotation.stl



gopro-camera-mount-on-gridnifity-with-rotation.3mf

Print files



gopro-camera-mount-on-gridnifty-with-rotation_04n_... .gcode

PET 0.40 mm 0.20 mm 1.09 hrs 9 g Prusa MINI / MINI+

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