



Ball-joint Camera mount

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VIEW IN BROWSER

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Summary

Camera holder that uses ball joint to allow for quick and easy positioning in all directions.

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I created camera mount for my aliexpress camera IMX291 (is that its name? <https://www.aliexpress.com/item/1005003027318982.html>).

The concept can be easily adapted to any other camera by creating new mount that links with the ball-joint assy by M3 screw.

BOM: Camera, 2x M3x12 screw, 2x M3 nut and washer and 1x M6 mounting Bolt and extrusion nut.

Files include:

3mf file with supports and positioning

STL, STEP with 2020 and 3030 version

Printed with ASA. PETG will work as well, PLA might be unsuitable due to its brittleness.

Model files



camera-mount.stl



ball-outer.stl



camera-mount-ball-joint.3mf



camera-mount-ball-joint.step



2020-mount.stl



3030-mount.stl

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