



Flexi-Arm Camera Mount



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[VIEW IN BROWSER](#)

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Summary

I needed a method of connecting a "webcam" to my printer for remote monitoring from around the house via Octoprint.



3.99 hrs



2 pcs



0.20 mm
0.10 mm



0.40 mm



PET



19 g



Prusa
MK3/S/S+

[3D Printers](#) > [3D Printers - Upgrades](#)

Tags: [cameramount](#) [prusai3mk3](#) [30x30](#)

I needed a method of connecting a "webcam" to my printer for remote monitoring from around the house via Octoprint.

So, this comes in a couple pieces:

- A connector that snaps to the 30x30 extrusion frame (Y-axis on Prusa, and possibly other printers)
- A "knob" that connects to the above snap-on connector and starts the "chain" of knobs and sockets
- A number of "links" (knob/socket connectors)

- A socket camera mount (uses the standard 1/4" bolt connector)
NOTE: The camera connector is printed plastic. Do not overtighten or it will break off in your camera.

Print instructions Category: 3D Printer Accessories Print Settings

Printer Brand: Prusa

Printer: I3 MK3S

Rafts: No

Supports: No

Resolution: 0.1 mm

Infill: 15% gyroid

Filament: Prusament PETG Orange

Notes:

In order to increase the rigidity of the parts, I increased the number of walls to 4.

Also, when printing the snap-mount, I used 0.2mm layer height.

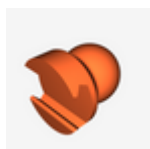
Model files



camera-mount.stl



link.stl



knob.stl



snap-mount.stl



snap-mount.3mf



flexi-arm.3mf

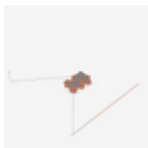
Print files



snap-mount_02mm_petg_mk3smmu2s_36m.gcode

🌀 PET 🌀 0.40 mm ≡ 0.20 mm ⌚ 0.61 hrs ⚖️ 6 g

🖨️ Prusa MK3S/S+ & MMU2S



flexi-arm_01mm_petg_mk3smmu2s_3h23m.gcode

🌀 PET 🌀 0.40 mm ≡ 0.10 mm ⌚ 3.38 hrs ⚖️ 14 g

🖨️ Prusa MK3S/S+ & MMU2S

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

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