



## 3 axis camera slider



Kiki Hobby Repair

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### Summary

This is an Open source DIY motorised portable 3 axis camera slider

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Tags: [cameraslider](#) [diycameraslider](#)

My newest DIY project is a 3 Axis motorised camera slicer. It is capable of handling smaller DSLR cameras and phones. It is portable because can be operated from a battery or alternatively from a DC power supply.

Link to the Youtube video: <https://www.youtube.com/watch?v=ZBGcE2LZntI>

Link to my Github for all the files: <https://github.com/KikiHobbyRepair/3-axis-camera-slider>

I will also post a video later on about the full build process. I will put a link here as soon as it is published.

Parts list:

-3D printed parts (preferred: PETG) -openbuilds V wheel gentry. Most probably these are mostly the same but this is what I used: <https://www.ebay.com/itm/403322339944> -2040 V slot aluminum extrusion profile (I used 600mm long) -3 pcs Nema 17 stepper motors (I used 2pcs 0,9deg 2A and 1pc 1,8deg 2A version). High torque is needed especially for the





**box-top.stl**

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**box-bottom.stl**

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**bottom-stepper-holder-53mm-inner.stl**

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**phone-holder-top.stl**

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**top-stepper-holder.stl**

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**shaft-coupler.stl**

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**x-idler-holder.stl**

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**x-stepper-holder.stl**

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**camera-mount.stl**

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**phone-holder-bottom.stl**

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