



## Neptune 3 Pro V-Slot Rail Bracket for Raspberry Pi Camera Mount

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### Summary

A rail bracket for Elegoo Neptune 3 Pro (or any V-Slot printer) to utilize the 'Raspberry Pi Camera Mount' by @SeabirdHH

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### Inspiration

The original '[Prusa Mini Raspberry Pi Camera Mount - by Clip-Fastening](#)' made by @SeabirdHH only supports a single printer. I have modified the frame bracket on that model to utilize @bleaks's '[Neptune 3 Pro Frame Rail Bracket for Articulating Pi Camera Arm](#)'.

While this was specifically tested on the Elegoo Neptune 3 Pro, it should fit any generic V-Slot 3d printer.

## Installation on the Elegoo Neptune 3 Pro

- For installing on the left rear side of the printer, you can simply remove the rear plate on the rail. For installation on the left front, you will have to remove the front plate and slide the bracket in.
- For installing on the right side of the printer, you will have to remove the front plate and slide the bracket in.

To remove the front plate, you will have to

1. Unscrew the four screws on the front
2. Unscrew the base plate
3. Unscrew the two screws facing downwards on the front end of the Y-belt. These only block the plate from coming out freely
4. Unscrew a fifth screw that attaches the inside top lip of the plate to the base frame. This screw was already loose on my printer and did not hold the front plate to the base frame.

While this may sound complicated, it is only unscrewing a bunch of screws and nothing else.

## Printing

- Printed upright at 0.2mm with supports touching buildplate only

## This remix is based on



### **Prusa Mini Raspberry Pi Camera Mount - by Clip-Fastening**

by Seabird HH



### **Neptune 3 Pro Frame Rail Bracket for Articulating Pi Camera Arm**

by bleaks

# Model files



en3pro-vslot-bracket-picam.stl

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