



Prusa Mini Raspberry Pi Camera Mount - by Clip-Fastening



Seabird HH

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Summary

The mounting is done by clipping in the bracket and can be moved forward or backward if necessary ...

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I thought I could print the bracket I had designed for the Prusa MK3s. It fits too, but very tight, so it is very difficult to move. Then I measured ... the aluminium extrusions of the Prusa Mini are almost 0.5mm wider than those of the Mk3s. So I changed the dimensions of the mount for the Mini.

Screws: M3x20 (amount depending on the number of extensions) and M3x25 (1x) plus nuts and washers

I recommend in any case to use washers, even if it is a little fiddly to install them. This will improve the mobility of the individual elements.

The camera case and the connector are a remix of <https://www.thingiverse.com/thing:3121052>

The main reason why I decided to take this camera box was that the camera could be aligned even more precisely due to the ball head on the connecting piece and that the back front was for clipping.

Print instructions

Printer brand: Prusa

Printer: I3 MK3S

Rafts: Doesn't Matter

Supports: No

Resolution: 0.2

Infill: 20%

Filament_brand: Prusa

Filament_color: Galaxy Black

Filament_material: PLA

Model files



raspberry_camera_bracket_connector.stl



raspberry_camera_case_back.stl



raspberry_camera_extender.stl



raspberry-camera_bracket.stl



raspberry_camera_case_connector.stl



raspberry_camera_case_front.stl

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