



Articulated Camera Mount for Prusa i3 Mk3

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Summary

Modified variant of the articulated Camera Mount: Articulates are now strut-like for longer length.

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Modified variant of the articulated Camera Mount

- Articulates are now strut-like for longer length. This allows for easier position of the Camera
- T-Nuts for installation in Mk3 bracket
- Ribbon-guides included in struts
- Dimensions slightly changes to have 20x20 dimensions
- Added a base bracket for better stowed storage and guidance of LCD and Camera DSI ribbon cales. Includes root bracket for connection to base bracket

Required number of parts:

- will follow:

Camera body is a new design with the following approach:

IR LEDS have no longer been connected by 2 bolts. one of the bolt connections for the power is connected by a NPN transistor. This allows to reduce the power of the camera when not in use. Both LEDS have an NPN transistor with a base resistor, both routed to a female dupont crimp connection

- IR camera mode pin routed to a dupont crimp connection
- Details will follow upon request

upon Request, more information available.

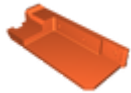
This remix is based on



Articulating Raspberry Pi Camera Mount for Prusa MK3 and MK2

by Sneaks

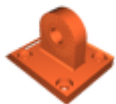
Model files



cam-for-prusa-base.stl



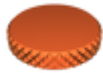
cam-for-prusa-t-nut-m3.stl



cam-for-prusa-root.stl



cam-for-prusa-bolt.stl



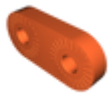
cam-for-prusa-nut.stl



cam-for-prusa-strut-ff-5-element.stl



cam-for-prusa-strut-ff-3-element.stl



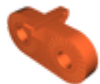
cam-for-prusa-hinge-mm.stl



cam-for-prusa-hinge-mf.stl



cam-for-prusa-hinge-m-ball.stl



cam-for-prusa-hinge-mm-with-cableguide.stl



cam-for-prusa-cam-front.stl



cam-for-prusa-cam-back.stl

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