

New film plate for 3d printed 8mm film scanner



mranton

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Summary

Improved film plate for the 8mm film scanner.



2.31 hrs



1 pcs



0.15 mm



0.40 mm



PLA



16 g



Prusa
MK3/S/S+

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This is an improved film plate for the 8mm film scanner. It reduces contact points to the film and the distance of the lens.

The camera_rail parts need to be glued together after printing. Instead of screws, the parts are now held together with a piece of 1.7mm filament.

You can find the project here:

<https://hackaday.io/project/167426-8mm-film-scanner>

And an article about it on HackSpace magazine here:

<https://www.raspberrypi.com/news/how-to-make-a-raspberry-pi-film-scanner/>

Model files



hinge.3mf



lens_holder.3mf



light_box.3mf



film_plate.3mf



camera_rail_bottom.3mf

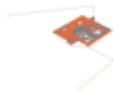


camera_rail_top.3mf



film_plate_2022_1.3mf

Print files



film_plate_2022_1_015mm_pla_mk3s_2h18m.gcode

⊗ PLA ⊕ 0.40 mm ≡ 0.15 mm ⌚ 2.31 hrs ⚖ 16 g 🖨 Prusa MK3/S/S+

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