



The Printed Grip - Nikon SLR Camera Grip



Jesus! of RandomPrint.co

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Summary

A simple solution to the ergonomic nightmare of vintage film cameras.

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Tags: the camera grip printed mount swiss tripod carbon fiber nikon cameras film ergonomic arca slr fe fm fe2 fm2n stamina

This camera grip is designed for Nikon SLR film cameras. Confirmed to fit:

Nikon FE
Nikon FE2
Nikon FM
Nikon FM2N

(More to be tested)

Through many MANY iterations and changes, here are the final features of The Printed Grip:

- Improved ergonomics and hand stamina
- Does not obstruct the Self-Timer/Depth-of-Field preview
- Does not obstruct the camera strap

- Support for traditional 1/4" tripod mounting
- Support for Arca-Swiss style tripod mounting

(if printed using the recommended ASA+CF filament)

- Provides extra support and stability while weighing under 60g
- Stiff, strong, and resistant to heat (up to 93C/200F)

WHAT YOU NEED

Printing:

I strongly recommend a reinforced filament that won't soften in the sun. I settled on 3DX Tech's ASA+Carbon Fiber because it is fantastically stiff and has great layer adhesion.

(PETG is too flexible. PLA+ Might be okay in cooler climates.)

I also increase perimeters and create a custom area of the print that has 100% infill to reinforce the portion of the model observed to receive the bulk of the load (see the .3MF file for examples of print settings).

I have yet to break one of these things through normal use!! WOOT!

Extras:

This print requires a few extra things to function properly. I use a 1/4th inch D-ring to secure the grip to the camera base and a 1/4th inch to 3/8th inch reducer for the standard tripod mount (just glue it into place).

I hope you guys love this model and are able to get some fantastic shots!!!

Model files



theprintedgrip-i2-non-asa.3mf

☐ No "material type" markings



theprintedgrip-i2final.3mf

☐ Marked as ASA+CF

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