



QIDI X-Max 3 / X-Plus 3 camera mount

 C0co

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Summary

Camera mount for the Qidi X-Max 3 and X-Plus 3

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A camera mount for my QIDI X-Max 3 / X-Plus 3 printers.

Unfortunately the original is currently out of stock.

Other webcams from Logitech had a too narrow FOV or the housing was too big so they can only be placed on the back side (and get a lot of light by that where the video quality suffers).

I found a nice solution from @Kamerton_418898 here <https://www.printables.com/de/model/618555-qidi-x-max-3-camera-mount>

I thought it has a few downsides and created my own model from scratch that has:

- Camera light protection so that the LED stripe doesnt blind the camera lens (improved video quality)

- Screws on the bottom side, because there is limited space on the top side (and looks nicer for me)
- Protection caps so that the screws dont scratch the metall part of the printer
- Less parts (no nuts, additional screws and washers)
- Different mounting base so the angles etc. are slithgly different (fitted better for me)

If you like the model of @Kamerton_418898 more, please use his solution and he also might like an upvote :)

What you need:

- 2x M4 x 8mm screws (or longer)
- 1x M3 x 16mm screw (maximum 18mm long)
- Print: 2x_protection_cap.stl
- Print: base.stl
- Print: camera_bracked.stl
- Sunplus Camera (1080p 2.8mm lens) (eg. from here: <https://de.aliexpress.com/item/1005005708348092.html>)

Instructions:

1. Just print in something temperature resistant like ASA/ABS or better.
2. Assemble everything.
3. Mount it on the front right side (like the original camera from qidi).

Model files

base.stl



camera_bracket.stl



2x_protection_cap.stl



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