Logitech C270 Improved Wide angle Lens Mount

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VIEW IN BROWSER

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Summary

I updated CO-OCD's great design for the Logitech C270 by adding threads and air vents. After I started printing...

3D Printers > Accessories

Tags: logitech c270 c270mount logitechc270

I updated CO-OCD's great design for the Logitech C270 by adding threads and air vents. After I started printing polycarbonate in my enclosure at around 38C ambient my entire C270 setup started warping. See the last 2 photos for the warping of my original parts.
This could be due to two reasons:

1. I used HTPLA which the ambient + camera might overheat so I reprinted in PETG
2. The camera generates a lot of internal heat so I added air vents to the case Additionally with the weight of the wide angle lens I could no longer trust the push fit design, so I added threads to both ends of the wide angle lens mount. This is much more secure. You will need to get a focus ring from another design upload. I use this one: https://www.thingiverse.com/thing:3088614

Category: 3D Printer Accessories

Model files

case_front_with_vents.stl

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threaded_lens_adapter.stl

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case_back_with_vents.stl

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