

3DChameleon Mk4 Pro mount for a metal rack



Hiroloquy

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Summary

Mount for attaching the 3DChameleon Mk4 Pro to a metal rack

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Tags: [case](#) [multicolor](#) [housing](#) [mk4](#) [3dchameleon](#)

I designed a mount for **3DChameleon** Mk4 Pro. The cables come out from the side of the case. You can attach the case and 3DChameleon unit to a metal rack with the hooks.

Note: the hook design is based on the frame of the metal rack in my house (Width 24 mm, Thickness 5 mm).

Demonstration for powering OLED display, changing 4 filaments in [YouTube](#):

Fasteners

- Case
 - M3 screw 6mm - 2pcs
 - M3 tapping screw 6mm - 4pcs
- Hook for case
 - M3 screw 8mm - 2pcs
 - M3 hex nut - 2pcs

- Hook for unit
 - M3 screw 30mm - 2pcs
 - M3 screw 35mm - 2pcs

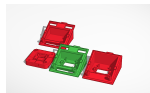
Print settings

- Slicer: PrusaSlicer 2.7.4
- Based preset: 0.20mm STRUCTURAL
- Layer height: 0.20 mm
- Infill: 15 % gyroid
- Temperature: nozzle 230°C / bed 65°C
- Supports: No

3D printer & filaments

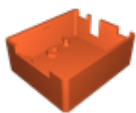
- Printer: Prusa MINI+
- Nozzle: 0.4 mm ([Trianglelab x Phaetus, Tungsten Carbide Nozzle for V6](#))
- Sheet: Textured (Prusa)
- Filament: PLA K6CF(Kexcelled)

This remix is based on



3D design Mk4 Pro Add-On Components - Tinkercad

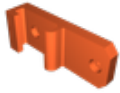
Model files



case_bottom.stl



case_top.stl



hook_mainboard.stl



hook_unit.stl



oled_spacer.stl

☐ height: 2.5mm

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