



Phone holder/ bracket for monitor



DJ

[VIEW IN BROWSER](#)

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Summary

Mount a display (phone in this case) below the monitor in my home office.



0.92 hrs



1 pcs



0.20 mm



0.40 mm



PLA



29 g



Prusa MINI /
MINI+

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Tags: [mount](#) [phone](#) [bracket](#) [monitor](#) [mobile](#)
[mobileholder](#)

GOAL:

Mount a display (phone in this case) below the monitor in my home office. This display shows my agenda, provides controls for lights, AC and shows temperature/time. In the (near) future it will provide more controls and info.

Versions

1. Standard bracket
2. Bracket with one cable guide
3. Bracket with two cable guides

The cable guides can be used to guide the charging cable of the screen. It looks the best using a dark cable with a dark phone and dark brackets.

NOTE: don't forget to print TWO brackets! :-)

Print setup

- PLA
- 0.2mm
- 25% infill
- Bottom/Top solid layers: 4
- Perimeters: 4
- No supports needed

Measurements (per 'standard' bracket)

Size: 12.5 cm x 8.4 cm x 3 cm

Weight: approx 15 grams

Mounting

To stick these brackets to the back of the monitor I used thick transparent 'Nano tape' (doublesided tape). Just search and you will find it. It is removable without leaving residu and can even be re-used. (it really can!)

Background info

- Phone: Older Redmi Note 9
 - at 35% brightness the power consumption is +/- 1 Watt!
- Application: Home Assistant
- Future: push doorbell camera when the doorbell rings
- Future: display showing (Prusa) 3d print progress
- Future: push 3dprinter camera when 3d print is ready

Model files



phoneholder-below-monitor-v1.stl

☐ bracket without cable guides



phoneholder-below-monitor-v2.stl

☐ bracket with 1 cable guide



phoneholder-below-monitor-v3.stl

☐ bracket with 2 cable guides



phoneholder-below-monitor.3mf

☐ small update, moved seam away from the middle

Print files



phoneholder-below-monitor.gcode

🌀 PLA 📏 0.40 mm ≡ 0.20 mm ⌚ 0.92 hrs ⚖️ 29 g 🖨️ Prusa MINI / MINI+

☐ gcode file

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