



BTT Pi TFT50 v2.1 Screen Mount for Voron Skirts



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VIEW IN BROWSER

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Summary

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This is a mount for the v2.1 version of the BTT Pi TFT50 screen for Voron skirts. It is designed copying the v2 mount from alanho in the VoronUsers github.

The v2.1 went to 3 buttons instead of a rotary knob for brightness and a switch for orientation, and as a result needed a wider notch in the case.

The screen holder mounts to the base 2020 mount from sttts provided here: https://github.com/VoronDesign/VoronUsers/tree/master/printer_mods/sttts/Waveshare-5.5-inch-HDMI-AMOLED I included the stl in my files section to make it easier to download everything in one place.

Use the screws included with the screen to hold it in the mount and add 4 heatset inserts in the back to attach it to the base mount. As mentioned in the original model's readme you will need a longer fpc to attach the screen

to the pi as the included fpc is only long enough if you mount the pi to the back of the screen. It uses the same fpc as a pi cam.

The original model did not have any CAD files provided so I had to draw it up myself using the stl as a guide. I am including my CAD files for future modifications if needed.

This remix is based on



**VoronUsers/printer_mods/alanho/
BTT_PITFT50_v2_Mount at master · VoronDesign/
VoronUsers**

Model files



btt-pitft50-v21-mount.f3d



btt-pitft50-v21-mount.stl



voron-24-mount-generisch-v6.stl

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