



Pi Camera NoIR bed mount for Ender 3



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Summary

This is a hotbed camera mount for the Raspberry PiCamera NoIR. It was designed after the Unistorm NoIR Camera...

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This is a hotbed camera mount for the Raspberry PiCamera NoIR.

It was designed after the Unistorm NoIR Camera available on [Amazon](#) UK but might fit other NoIR cameras as well - try and comment!

The arm and bed mount are universal and be used with other cameras enclosures.

The bed mount is secured in place using the bed angle leveling bolt. Even tho I use it on the right side I suggest placing the camera on the left side to avoid crashes with the LCD panel.

- Use M3*8 bolts to secure the backplate to the frontplate
- Use M3*20 bolts and nuts to secure and tighten the joints

Print List

- 1x FrontPlate

- 1x BackPlate
- 1x BedArm
- 50mm or 100mm arms as you need them. I prefer using 3x 50mm arms or 1x 50mm + 1x 100mm
- enough CableClips to hold the flex cable to the arms

Comment to request changes or improvements - this is my first real design.

-re upload because thingiverse sucks-

Print Settings

Printer Brand:

Creality

Printer:

Ender 3 Pro

Rafts:

No

Supports:

No

Resolution:

0.2

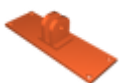
Infill:

20%

Category: 3D Printer Accessories

Model files

backplate.stl





arm100mm.stl



cableclip.stl



frontplate.stl



bedarm.stl



arm50mm.stl

[Find source .stl files on Thingiverse.com](https://www.thingiverse.com)

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