

## Govee Camera Holder & Aesthetic Piece



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VIEW IN BROWSER

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### Summary

I recently purchased this product for my TV. <https://www.amazon.com/Govee-Immersion-Backlights-Ambient-...>

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Tags: thingiverse

I recently purchased this product for my TV. <https://www.amazon.com/Govee-Immersion-Backlights-Ambient-Assistant/dp/B08LVPWQQP>

It uses a camera to see what is on the screen so it knows what colors to make the ambient leds strips on the back.

Long story short, the camera sticks out like a sore thumb. I saw this video on Youtube: <https://www.youtube.com/watch?v=HTnQrSpQy6A>

He uses black rocks/stones to mask the camera, hidden in plain sight.

The setup he uses is amazing, it's very nice looking :), but I wanted one that was 3d printed. The model I designed is only meant for one camera, I didn't do a dual camera setup. I added the triangles just to reduce filament usage and give it a design.

The vertical strips and grooves are used to help align the design, and give whatever adhesive you might use a more secure grip. In my pictures, you will see a slight gap due to my printer making them slightly too wide, and me having to sand them down to fit. I updated the models, your print should do better, my printer was having issues. For more info, see the Post Print Description.

The rocks I used in mine were black and grey. I chose black for the same reason as the author of the video, it will make the camera lens blend in. I chose grey to help match the color of the filament I used.

Happy making! Thanks goes to the author of the Youtube video as well for giving me the inspiration! :D

## **Print Settings**

### **Printer Brand:**

Creality

### **Printer:**

Ender 3 Pro

### **Rafts:**

No

### **Supports:**

No

### **Resolution:**

.2

### **Infill:**

20

**Filament:** Prusa PLA Grey

### **Notes:**

Think ahead of the rocks/stones you will be using so you can match them to your filament color. Supports shouldn't be needed, but if you do need them, and you use the default Cura settings for Supports, the sides will not automatically have supports, you will need to adjust the angle in the Supports settings for Cura for the supports to appear on the sides inside the triangles.

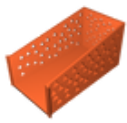
Post-Printing =====

## The end alignment rails

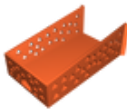
After printing, I had to sand the vertical strips to make them fit better into the grooves. I updated my model and made the rails narrow by .200mm. This should help you avoid any sanding, or at least make it easier.

Category: 3D Printing

## Model files



**right\_triangle\_govee\_camera\_holder\_black\_rocks\_stand .stl**



**left\_triangle\_govee\_camera\_holder\_black\_rocks\_stand.stl**

[Find source .stl files on Thingiverse.com](#)

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