

Steam Frame battery mount for INIU P55 with top strap

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VIEW IN BROWSER

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Summary

Lightweight 33g print, requires 1 inch nylon webbing. Battery pack is secured by a rubber band and quickly removable.

Gadgets > Virtual Reality

Tags: batterymount steamframe

Required Hardware

- 55 cm length of 1 inch nylon webbing
- Rubber band

Print Settings

- 0.2mm layers
- 2 perimeters (with 0.4mm nozzle)
- 10% infill
- No supports (includes built in supports)

The built in supports are 0.4mm wide fins in the belt buckle. Ensure that these are sliced properly. Or, if you can print a 1 inch bridge without sagging, you can just split the model into parts and remove them.

Assembly

1. Remove the support material from the belt buckle and cut off remnants with a utility knife.
2. Thread rubber band through the rubber band loop (easier to do this now than when it's attached to the steam frame).
3. Fold over one end of the strap and sew it, or melt the end into a blob, so that end won't fit through the bottom slot.
4. Insert the thin end of the strap into the bottom slot from above and pull it through to the thick end.
5. Remove the padding from the steam frame battery.
6. Loop the strap around the steam frame battery and through the belt buckle as shown in the pictures.
7. Pull the strap tight and put the padding back on.
8. Loop the strap through the front clip from the DIY Top Strap project. I recommend adding a tri-glide here to secure the loose end.

This remix is based on



Steam Frame - DIY Top Strap (2 clips + webbing)

by sune-ku

Model files



iniu-battery-mount.step



iniu-battery-mount.f3d



iniu-battery-mount.stl

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