

## Tripod Adapter



TechnoSwiss

[VIEW IN BROWSER](#)

updated 7. 8. 2022 | published 7. 8. 2022

## Summary

This is a mounting adapter I made for a Yagi antenna. One mount works with an Amazon Basic's Camera tripod, the other...

[Gadgets](#) > [Other Gadgets](#)

Tags: [antenna](#) [antennamount](#) [fusion360](#) [tripodmount](#)

This is a mounting adapter I made for a Yagi antenna. One mount works with an [Amazon](#) Basic's Camera tripod, the other was designed to clamp onto a pole (in my case the coat rod in a closet).

The center holes were designed for a 5/16" head head bolt and wing nuts.

The holes that put the L-brackets together are M4, while the antenna and rod brackets are M5.

I put a fender washer between the printed piece and the wingnut. I tried putting a fender washer between the printed pieces but that doesn't allow you to tighten them enough to prevent movement so I recommend not using a washer there.

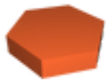
<https://a360.co/3241yyP> <https://a360.co/38DJwpp> <https://a360.co/2HtrM4f>  
<https://a360.co/323fY1Q> <https://a360.co/2VanVBh> <https://a360.co/2P1qlbl>  
<https://a360.co/37CcGUG>

Printed with 60% infill and 8 walls so the threaded parts had something to grab and there was sufficient structure for the clamping forces.

The hex plug is for the tripod mounting piece, it gets glued in to keep the bolt in place.

Category: Gadgets

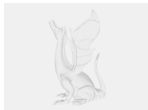
## Model files



**wifi\_antenna\_hex\_plug.stl**



**amazon\_basic\_tripod\_head.f3d**



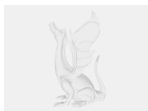
**l-bracket\_tapped.f3d**



**wifi\_antenna\_bracket\_l-bracket\_long.stl**



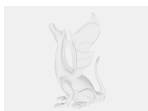
**wifi\_antenna\_bracket\_l-bracket\_tapped.stl**



**hex\_bolt\_plug.f3d**



**wifi\_antenna\_tripod\_attachment.stl**

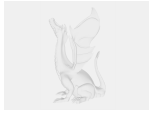


**antenna\_bracket.f3d**



**wifi\_antenna\_bracket.stl**

---



**l-bracket\_short.f3d**

---



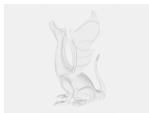
**l-bracket\_long.f3d**

---



**closet\_rod\_bracket.f3d**

---



**wifi\_antenna\_closet\_rod\_bracket.stl**

---



**wifi\_antenna\_bracket\_l-bracket\_short.stl**

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

## License

This work is licensed under a  
**Creative Commons (4.0 International License)**



### **Attribution**

---

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✓ | Commercial Use
- ✓ | Free Cultural Works
- ✓ | Meets Open Definition