



3D-Printed Enclosure for Heltec V4 GPS



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Summary

3D-Printed Enclosure for Heltec V4(GPS)with 3000mah battery

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- To obtain commercial rights to this model, please contact the original designer.Unauthorized printing, selling, or commercial use without prior consent will result in legal action.
- This 3D-printed case is specifically designed for the Heltec WiFi LoRa 32 (V4), and this version supports the installation of a GPS module.
- It includes a 3000mAh battery, an antenna, and the WiFi LoRa 32 (V4) PCB board.
- The 3D-printed case will be optimized and updated from time to time.
- Three M2.5 × 8 self-tapping screws are required for installation.
- You're all welcome to print this case! I put a lot of effort and thought into designing it. As a beginner in 3D modeling, I truly appreciate any feedback or suggestions you might have. Feel free to message me directly or leave a comment — your support means a lot to me.
- Friendly reminder: when installing the antenna, make sure to tighten the screws securely. There's a small design flaw in this part, but I'll update the model once I find a solution.

- Using the print settings shown in the image above will make it much easier to remove the 3D printing supports.
- [WiFi LoRa 32\(V4\), ESP32S3 + SX1262 LoRa Node, Meshtastic and LoRaWAN Compatible – Heltec Automation](#)
- [GT-800 902-928, 915 MHz Whip Antenna \(SMA\) – Heltec Automation](#)
- [Heltec 3.7V Lipo Battery 3000Mah PL103665 Lithium Battery Li Polymer Batteries for T114 V2 LoRa 32 V3 Dev-board LoRa Node 1Pc - AliExpress 44](#)
- <https://heltec.org/project/l76-gnss-module/>

Model files



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