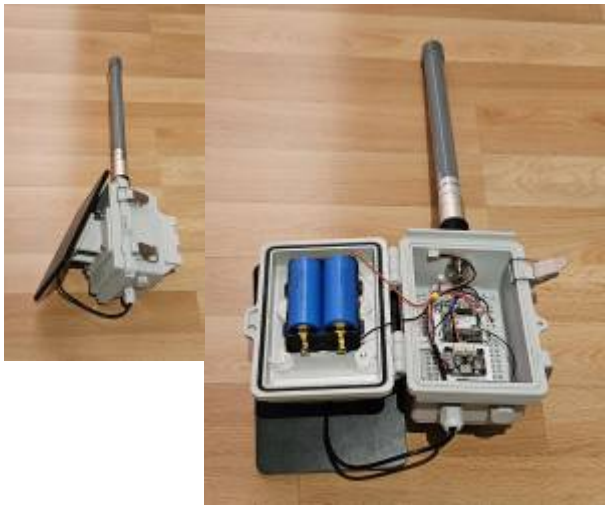
Aufbau der Nodes für Meshnet

Repeater Kreuzerbruch

Hardware

- Mast Montagewinkel: https://www.printables.com/model/1233994-meshtasitc-solar-node-mount
- Solar Panel Aufnahme https://www.printables.com/model/1265160-meshtastic-solar-panel-mount-with-67deg-inclinatio
- 2x Lifepo4 Akku 3200mAh https://www.nkon.nl/de/jgne-26650-3200mah-9-6a-lifepo4.html
- Solar Regler https://www.berrybase.de/adafruit-bq25185-ladeplatine-usb-dc-solar-1-zellen-li-ion-lipo-lifepo4-5-18v-in-3a-out-3-0-4-5v
- 26650 Batteriehalter https://www.amazon.de/dp/B0956Q7DQS
- RAK19003 https://hexaspot.com/products/wisblock-meshtastic-starter-kit-eu868-the-basic-rak4631-meshtastic-kit-for-lora?variant=51696260874571
- RTC https://hexaspot.com/collections/rakwireless-wisblock-extra/products/rakwireless-rak12002-wisblock-rtc-module-micro-crystal-rv-3028-c7
- Abzweigdose ABS https://www.amazon.de/dp/B0B5RGNNXV?ref=ppx_yo2ov_dt_b_fed_asin_title
- N-Type Antenne https://hexaspot.com/collections/tuned-antennas/products/3-dbi-tuned-antenne-eu-868
- Sikaflex Dichtmasse
- ASA filament für 3D Druckteile



Autarke Laufzeit bei 250mAh Tages Verbrauch

- Theoretische Laufzeit ohne Sonne 25 Tage
- Winterliche Laufzeit bei 30% Restkapazität 7 Tage

Gesamtpreis

ToDo

Hermes Test Node

- 3D Druckteile
  https://www.printables.com/model/1283453-hermes-external-lora-rakwireless-solar-node-enclos

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