# Meshtastic

- Mobile Basecamp Mesh

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| Component | Pocket Puck (Hiker) | Tree Repeater (Base Camp) |
|---|---|---|
| The Brains | $35.00 (Starter Kit) | $35.00 (Starter Kit) |
| Antenna | $22.00 (Signal Stick) | $33.00 (Rokland 6dBi Rigid) |
| Battery | $12.00 (3000mAh LiPo) | $16.00 (2x 18650 Cells) |
| Power Hardware | (None needed) | $5.00 (Parallel Holder) |
| Adapter Cables | $3.00 (u.FL to SMA) | $8.00 (u.FL to N-Bulkhead) |
| Enclosure | $1.00 (3D Printed) | $18.00 (Waterproof Box) |
| Mounting | (None) | $0.00 (Rope/Paracord) |
| TOTAL | $73.00 / unit | $115.00 / unit |

# Components

- Case: Rak Wisblock Case by VelocityOS MakerWorld: Download Free 3D Models
  - Clip: Amazon.com: ITROLLE Walkie Talkie Back Clip 4PCS Black Radio Belt Clips for Baofeng UV-5R UV-5RA UV-5RB UV-5RC 5RD 5RE 5RE Two Way Radio Accessories : Electronics
- Buttons QTETAK 200 Pcs 10 Value Micro Momentary Tactile Push Button Switch Tact Assortment Kit: Amazon.com: Industrial & Scientific
  - Adding a User Button - RAK WisBlock Meshtastic Starter Kit (RAK19007) – Rokland
- RAKwireless WisBlock Meshtastic Starter Kit US915 SKU 116016 – Rokland
- MakerFocus Flat 3.7V 3000mAh Rechargeable Lithium Polymer 11.1Wh Batte – Rokland
- 2-pack UFL IPEX IPEX4 (MHF1) to SMA Female Pigtail Antenna WiFi/IoT De – Rokland
- 6 dBi Low Profile N-Female Omni Outdoor 915 MHz Antenna for Helium RAK – Rokland
- UFL(IPEX/IPX) Mini PCI to N-Female Bulkhead Pigtail Cable Extension – Rokland
- Zulkit Junction Box ABS Plastic Dustproof Waterproof IP65 Electrical Boxes Hinged Shell Outdoor Universal Project Enclosure Clear Cover with 2 Cable Glands 5.9 x 3.9 x 2.8 inch (150x100x70 mm) - Amazon.com