Radio

- Meshtastic
  - Mobile Basecamp Mesh

Meshtastic

Mobile Basecamp Mesh

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