

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](#)

Revision #3

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