



Earthmate[®] GPS BT-20 Device Specifications:

- NMEA 2.0-compliant 12-channel receiver
- WAAS-enabled
- Low-power baseband and RF chip set (RF chip based on the ultra-low-power silicon-germanium BiCMOS process)
- Warm start: < 38 seconds; cold start: < 90 seconds
- Hot start: < 3 seconds
- Power: ~90mA at 3.7V
- Power with a Bluetooth connection: ~118mA at 3.7V
- Low power consumption design
- Maximum velocity: 1,000 knots
- Maximum altitude, 60,000 feet
- Battery life: 8 hours (charge up to 500 times)
- Operating temperature range: -20° Celsius to + 70° Celsius
- Operating Temperature Range (with battery): -20° Celsius to + 60° Celsius
- Advanced high-sensitivity algorithms for superior tracking in urban environments
- Included rechargeable Lithium-Ion battery with A/C and 12-volt adapters
- Proprietary Kalman filter for enhanced position accuracy
- Superior noise rejection for high EMI environments
- Communicates with host platform via Bluetooth (Class 2) serial profile
- Bluetooth and USB can be used simultaneously
- Dimensions: 3" wide x 1.88" tall x .56" deep
- Weight (without battery): 1.3 ounces (37 grams)
- Battery weight: .7 ounces (20 grams)