

RFID Terminal

High-Performance Mobile UHF RFID Reader

- Designed for fast, accurate RFID & barcode data collection
- Android OS with 4.3" Gorilla Glass touchscreen
- Reads up to 1000 tags per second with -77 dBm sensitivity
- Adaptive UHF antenna with multiple read modes
- Long battery life — up to 12 hours on a single charge
- Drop-resistant and IP54 sealed for rugged environments
- Integrated 2D barcode scanner with advanced aiming features
- Wireless connectivity: Wi-Fi, Bluetooth, optional 3G/GPS
- Ideal for logistics, retail, inventory, and field service



| Feature | Details |
|-----------------|---|
| RFID Read Speed | Up to 1000 tags/sec, -77 dBm sensitivity |
| Antenna Modes | Linear, Circular, Proximity |
| RFID Range | Up to 10 m (Linear), 6 m (Circular), 1 cm (Proximity) |
| Barcode Support | All major 1D/2D codes, high visibility LED aimer |
| OS & CPU | Android 6, Quad-Core 1GHz ARM Cortex-A9 |
| Memory | 1 GB RAM / 8 GB Flash |
| Display | 4.3" Capacitive Touch, 800×480, Gorilla Glass 2 |
| Battery Life | 7000 mAh (12h use) / 3500 mAh (8h use), fast charging via USB or dock |
| Connectivity | Wi-Fi, Bluetooth 4.2, Optional 3G/GPS, USB, Ethernet via dock |
| Durability | Drop tested to 1.5 m, IP54 rated, ESD: ±4kV Contact / ±8kV Air |
| Use Case | RFID Inventory, Barcode Scanning, Access Control, Asset Tracking |