Overview:

GAORFID 246029 is a high-end UHF Gen 2 RFID and Android Based UHF Gen 2 RFID Handheld Data Terminal. It offers the best performance and excellent multi-tag identification ability in the industry.

Key Features

- ✓ High Performance Computing Platform
- ✓ Heavy duty applications such as massive data collection,3D real-time display can be operated smoothly
- ✓ Android 6.0 Operating System

- ✓ Top Class Materials, CNC aluminum, nylon(Bayer) and 1.1mm thickness tempered glass offer excellent strength + heat dissipation + electromagnetic shielding. The soft material around the handle offers comfort.
- ✓ Industrial and military-grade components ensure stability and endurance in harsh environments
- ✓ Ultra Long Operating Time
- ✓ Pistol style hot-swapping battery system makes backup battery more convenient to be restored, so that the operating time is unlimited. A standard product package has two 6,000mAh batteries included
- ✓ High-end UHF RFID Engine, which is based on impinj Indy R2000 chip, offers the best performance and excellent multi-tag identification ability in the industry.
- ✓ Excellent Mechanical Protection, the safety drop height is 2m/6.56ft, IP64 protection grade can resist dusts and splashes effectively.

Technical Specification

Operating System	Android 6.0
CPU	Quad-core Cortex-A17 /1.8GHz
GPU	ARM Mali-T764 /High performance 3D engine
RAM	2G LPDDR3 /4G LPDDR3(Optional)
ROM	32G EMMC 5.0 /64G EMMC 5.0(Optional)
LCD	5.0 inches /1280*720 /IPS /180° view angle
Power	6000mAh chargeable Li-polymer battery
Card Slots	Micro SIM card slot/PSAM card slot*2
Wireless Communication	Wi-Fi /Bluetooth 4.0
Operating Temperature	-20° C ~ + 60°C
Storage Temperature	-40° C ~ + 70°C
Humidity	5%RH - 95%RH(no condensing)
Protection Grade	IP64 (Safety Drop Height 2m/6.56ft)
Built-in UHF RFID Engine	• Protocol: EPC Global UHF Class 1 Gen 2 / ISO 18000-6C /ISO 18000-6B • Work Frequency: 860-960MHz

	• Output Power: 0-33dBm • Peak Inventory Speed > 500 tags/s • UHF Antenna: 3dBi circularly polarized antenna • Read Distance: 6-7m • Supported Regions: US, Canada and other regions following U.S. FCC • Europe and other regions following ETSI EN 302 208 with & without Optional Functions LBT regulations
Optional 3G Communication Module	
Optional 4G Communication Module	
Optional 1D Barcode Engine	
Optional 2D Barcode Engine	
Optional Camera Module	

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