



Ci-RX6100 UHF Android Portable Reader



Ci-RX6100 is the newly released UHF RFID android handheld reader with sensitivity Indy R2000 RFID reading range up to 20m in open area. It is equipped with android 10 operation system, 5.5" rugged touch screen with high resolution, is available for 1D/2D barcode scanner(optional) and multi-protocol (HF/NFC optional) standards, shall match high standards in logistics tracking, warehouse inventory checking, smart retailing solutions etc.

APPLICATIONS

- Warehouse Management
- Smart Retailing System
- Asset Tracking
- RFID Library Management

FEATURES

- Android 10.0 OS, Cortex A73 2.0GHz Octa-Core Processor



- ☑ Memory 2GB RMB/16G ROM or 4GB RAM/64GB ROM, GMS Certified
- ☑ Support 4G, WIFI, Bluetooth, GPS and Camera
- ☑ UHF RFID Range Up to 20m in Open Area, Reading Speed >200pcs Tags/Second
- ☑ 5.5 Inch High-Resolution IPS Screen Resolution 720* 1440, Visible in the Sun
- ☑ 2D Barcode, HF/NFC RFID Functions Optional
- ☑ Compact in Size With High Performance, Industrial and Humanized Hardware Design

GENERAL PARAMETER

Cpu	Cortex-A73 2.0GHz octa-core
Operation System	Android 10.0
Memory	RAM: 2GB / ROM: 16GB; or RAM: 4GB / ROM: 64GB; Support max 256GB Micro SD card
Touchscreen	5.5 inch Gorilla Glass TFT-LCD with backlight, resolution 720 * 1440
Expansions (Optional)	1 SIM card slot, 1 PSAM card slot, 1 TF card slot
Communication Port	Type-C
Gps	Build-in A-GPS, accuracy ±5m
Color Camera	Rear 13 megapixel, front 5.0 megapixel, auto focus with LED flash

WIRELESS COMMUNICATION PARAMETER

Wwla	TDD-LTE Band 38, 39, 40, 41; FDD-LTE Band 1, 2, 3, 4, 7, 17, 20; WCDMA (850 / 1900 / 2100MHz); GSM / GPRS / Edge (850 / 900 / 1800 / 1900MHz)
Wlan (Wifi)	2.4G / 5G dual frequency, support IEEE802.11a /b /g /n /ac
Bluetooth	Bluetooth Class v2.1+EDR, Bluetooth v3.0+HS, Bluetooth v4.2



BARCODE PARAMETER (OPTIONAL)

2d Barcode	2D CMOS Imager: Zebra SE4710 / Mindeo ME5600; Symbologies: PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postal Codes, US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal etc
-------------------	--

UHF RFID PARAMETER

Working Frequency	865-868MHz or 902-928MHz
Protocol	EPC Class1 GEN2 / ISO18000-6C
Antenna Gain	4dBi circular polarization build-external
Reading Distance	16-20m (tag type matters)

HF/NFC RFID PARAMETER (OPTIONAL)

Working Frequency	13.56Mhz
Protocol	ISO15693 & ISO1443A
Reading Distance	2-5cm

PSAM SECURITY (OPTIONAL)

Protocol	ISO7816
Baudrate	9600, 19200, 38400, 43000, 56000, 57600, 115200
Slot	2 slots(maximum)



MECHANICAL & ELECTRICAL PARAMETER

Weight	600g (including battery & pistol)
Dimension	166 * 79 * 31±2mm (pistol excluded)
Battery	Rechargeable li-ion polymer, 3.8V, 9000mAh
Ip Rating	IP65, IEC compliance, withstand 1.5m drop
Temperature	Working: -20°C ~ 50°C; Storage: -40°C ~ 70°C

ACCESSARY

Standard Accessory	Lithium battery, Power adaptor, type-C data cable
Optional	Cradle