



## Ci-RH272 Active RFID Handheld Reader



Ci-RH272 is an industrial android mobile data terminal with high integration of iot functions. The build-in 2.4Ghz active rfid reading distance reach around 50meters in open area, it is widely used for asset tracking, intelligent transportation, production line management, personnel tracking etc.

### FEATURES

- ☑ Android 7.0 OS, 4 Core 1.3Ghz Processor
- ☑ Support 4G, WIFI, Bluetooth, GPS and Camera
- ☑ 2.4Ghz RFID Range Around 50m
- ☑ 5 Inch High-Resolution Screen, Corning Gorilla Third-Generation Touch
- ☑ Screen Resolution 720\* 1280, Visible in the Sun
- ☑ Barcode, UHF, HF, Fingerprint Functions Optional
- ☑ Small in Size but Highly Integrated



## GENERAL PARAMETER

<b>Cpu</b>	4 core 64 bit Coretex-A53, 1.3GHz
<b>Operation System</b>	Android 7.0
<b>Memory</b>	RAM:2GB ROM:16G; support 128GB Micro SD card
<b>Screen</b>	5 inch IPS screen, resolution 720*1280
<b>Touchscreen</b>	Corning Gorilla 3rd generation industrial multi-touch capacitive Screen
<b>Expansive</b>	1 sim card slot, 2 PSAM card slot
<b>Communication Port</b>	USB 2.0; 3.5 plug charging port
<b>Audio</b>	Support voice broadcast
<b>Keyboard</b>	Scan key, function key
<b>Gps</b>	Build-in GPS, accuracy±5m
<b>Camera</b>	Rear 8 million pixel camera with flash, auto focus function

## COMMUNICATION PARAMETER

<b>4g</b>	TD-LTE Band38/39/40/41   FDD-LTE Band 1, 2, 3, 4, 7, 17, 20
<b>Wifi</b>	2.4G/5G dual frequency, support IEEE802.11a/b/g/n
<b>Bluetooth</b>	Bluetooth 4.0

## BARCODE PARAMETER (OPTIONAL)

<b>1d Barcode Module</b>	Honeywell N431X
<b>Support 1d Type</b>	Code 39/Code 93/Code128/Codebar/EAN-13/EAN-8/UPC-A/UPC-E/ITF 14/UCC/EAN-128/ITF25/Matrix 25/EAN-128/ISBN etc
<b>2d Barcode Module</b>	Honeywell-6603
<b>Support 2d Type</b>	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



## FINGERPRINT PARAMETER (OPTIONAL)

<b>Module Function</b>	Fingerprint capture/contrast/deletion, image processing, etc
<b>Sensor</b>	TCSI biometric fingerprint/FBI fingerprint authentication
<b>Sensor Type</b>	Capacitive inductance 256 *360pixel, 500 DPI
<b>Storage Capacity</b>	1000pcs

## RFID PARAMETER

<b>Working Frequency</b>	ISM 2.4-2.48GHz
<b>Rf Output</b>	Max+15dBm, step -2dB, software adjustable
<b>Receive Sensitivity</b>	-90dBm
<b>Antenna</b>	PCB antenna
<b>Tag Protocol</b>	Private
<b>Reading Distance</b>	0-80m (open area, tag type matters)
<b>Reading Speed</b>	200pcs/s
<b>Api</b>	APK and source code

## UHF RFID(OPTIONAL)

<b>Working Frequency</b>	865-868MHz or 902-928MHz
<b>Protocol</b>	EPC C1 GEN2 /ISO18000-6C
<b>Reading Distance</b>	4-7m (tag type matters)

## HF RFID(OPTIONAL)

<b>Working Frequency</b>	13.56Mhz
<b>Protocol</b>	ISO15693/ISO14443



## MECHANICAL & ELECTRICAL PERFORMANCE

<b>Dimensions</b>	170 *85 *23±2mm (Cradle excluded)
<b>Weight</b>	400g default active
<b>Battery</b>	4500mAh Lithium polymer battery (more than 12 hours working time)
<b>Power Consumption</b>	200mw standby, 400mw working
<b>Working Temperature</b>	-20°C~+50°C
<b>Storage Temperature</b>	-40°C~+70°C
<b>Ip Rating</b>	IP66, withstand 1.5m drop

## ACCESSARY

<b>Standard Accessary</b>	Lithium battery, power adaptor, DC charging cable, USB cable
<b>Optional</b>	Bag, cradle