Built-in Antenna Handhold Reader Specification(Android)

Product Model：CJ2602A

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Version Code：V1.0.0

1. Features

- Compact and portable, physical and virtual keyboards and flexible configuration
- Android 5.1 system, quad-core high-speed processor
- RFID frequency optional
- Diversified wireless communication
- Powerful bar code scanning function optional

2. Introduction

Support Android operating system, optional low frequency, high-frequency, ultra-high frequency RFID function. According to ergonomic design, built-in antenna, the appearance of small and exquisite, high degree of protection, simple operation, easy to carry, high flexibility, suitable for working in a variety of environmental conditions. Mainly used in logistics, asset management, warehousing management, library management, production management, ticket management and other fields.

3. Application

- Container management, warehouse inventory management, cargo transfer tracking and so on
- Production automation, parts and components management
- Ticket and staff card identification
- Patrol, asset management etc

4. Technical Parameter

Basic Parameters	
Size	170mm×85mm×23mm/ 6.69×3.35×0.91in
Weight	About 380g
Display	5-inch IPS HD screen, resolution 720 × 1280
Touch Screen	Industrial multi-touch capacitive screen
Expansion slot	1SIM, 2 PSAM
	1 MicroSD(TF)
Communication Interface	USB2.0 interface, 3.5 plug charging interface
Audio	Voice broadcast
Indicator light	Network indicator, charging indicator
Key	Scan key, function key
Camera (Optional)	8-megapixel rear camera with flash and autofocus function
Flashlight	Low power LED lighting, used in emergency
GPS	Built-in GPS global positioning system, range error ± 5m
Performance Parameters	
CPU	Quad-core 64-bit Cortex-A53
Memory	RAM: 2GB, ROM:16GB
System	Android 5.1.1
Extended memory	Supports up to 32G MicroSD card
Data Communication	
4G	TDD-LTE Band 38/39/40
	FDD-LTE Band 1, 2, 3, 4, 7
3G	WCDMA(850/1900/2100MHz)
WIFI	2.4G/5G. comply with IEEE 802.11a/b/g/n
Bluetooth	Bluetooth4.0
Working Environment	

Operating temp.	-20 to 50℃ / -4℉ to 122℉
Storage temp.	-20 to 70℃/ -4℉ to 158℉
Degree of Protection	IP65
Battery Performance	
Battery capacity	Li-polm,4500mAh
Stand-by time	320 hours when turn off the wireless communication and other functions
Operating hours	12 hours or more (full charge)
Charging time	＜4.5hours
Barcode Scanning (Optional)	
1D Barcode	Scanning module: Honeywell N431X/ others Code 39, Code 93, Code128, Codebar, EAN-13, EAN- 8, UPC- A, UPC- E, ITF14, UCC/EAN- 128, ITF25, Matrix 25, EAN- 128, ISBNetc
2D Barcode	Scanning module: Honeywell-6603/NLS-EM3396/NLS-EM3296 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
RFID (Optional)	
UHF	ETSI：865～868MHz OR FCC: 902～928MHz
	Working protocol: ISO18000-6C
	Reading Distance: 2m (Ranges depend on tags and environment)
HF	Working frequency: 13.56MHz
	Working protocol: ISO14443A&ISO15693
	Reading distance: 0～7cm(Ranges depend on tags and environment)
LF	125kHz/134.2kHz

PSAM	2PSAM
HF (CPU CARD)	Read&Write, work only with PSAM
Active 2.45G (Custom)	Reading distance: 200m, 200pcs/time reading
Other Optional Modules	
433MHz(Custom)	Reading distance＞200m, reading distance could be customized
ZIGBEE (Custom)	Applicable wireless network data acquisition
Infrared (Custom)	
BiologicalIdentification (Optional)	
Module function	Enrollment, compare and deletion etc
Sensor	TCS1Biological fingerprints /FBI certificated
Sensor Type	Inductive capacitance
Image Size	256×360 pixel
Resolution	500DPI
Storage Memory	1000 fingerprints
Accessory	
Standard	Li-polm battery, charging head, DC cable, USB cable
Optional	Recharging cradle
Support	
Documents	Demo, API, software development guidance