# Product Description

**Free SDK support Long Range Android Bluetooth 4.7 inch Large Screen Data Terminal Laser Barcode Scanner handheld uhf**

Extremely Stable Performance
Android 5.1.1 OS with memory of 2GB RAM/16GB ROM
can provide the highly standard experience
High Speed Data Communication
Double insurance of 4G high Speed network and dual-
~~f~~ ~~WIFI~~  ~~~~  real-time data
nment;



Specification of RFID UHF reader and writer

## Product technical parameter

### Performance Characteristics

| | | |
|---|---|---|
| **CPU** | Cortex A53 four nuclear 1.5GHZ processor | |
| **Memory capacity** | ROM：EMMC 16GB RAM：LPDDR3 2GB | |
| **Operation system** | Android 5.1.1 | |
| **Wireless Communication** | GPRS (Standard) | GPRS, EDGE , 4-band 900/1800，850/1900 |
| | WCDMA （TDLTE FDDLTE +TDD WCDMA+GSM) | band 850/1900/2100，Cat.8 HSDPA Cat.6 HSUPA |
| | WIFI (Standard) | 2.45GHz/5GHz Dual Frequency,IEEE 802,11 a/b/g/n/ac |
| | Bluetooth (Optional) | Bluetooth 4.0 |
| **Display** | 4.7 inch IPS screen,resolution radio 720*1280, | |
| **keypads** | Scan keys,function keys | |
| **Touch Screen** | Gorilla Glass,Support multi-point capacitive touch Gorilla | |
| **Indicator light** | Network Indicator Light, charge lamp | |
| **Voice frequency** | Support voice broadcast | |
| **Micro SD card** | support 32G MICRO SD card | |
| **Data safety** | Anti-power-down data security,even remove battery or don't connect power, data also won't loss | |
| **GPS** | Channel : 12 chennels<br>Receive type : L1，C/A code ，With carrier phase smoothing<br>Re-capture：< 1s<br>Newest ASIC chip；COASTPatent algorithm；EVEREST Multi-path suppression technology<br>Tolerance : +-5 M | |
| **Navigation Map** | Support the navigation map of kailide, baidu, Google, autonavi, etc | |
| **Input method** | Full screen handwritten, half-screen handwritten, stroke, spelling, numbers, letters, symbols | |
| **Physical Interface** | High speed USB2.0 Interface,3.5 stick plug charging interface | |
| **Camera(Optional)** | 8.0 megapixel, with LED flash | |
| **Electric Torch** | Low power LED lighting,emergency use | |

### 1D barcode

| | |
|---|---|
| **Symbologies** | Code 39、Code 93、Code 128、Codebar、EAN-13、EAN-8、UPC-A、UPC-E、ITF 14<br>UCC/EAN-128、ITF 25、Matrix 25、EAN-128、ISBN |
| **Read Range** | 1 cm~50 cm |
| **Readable degree** | (first-reading rate )≥99%，(error rate)≤0.01%，(false read rate)≤0.01% |

### 2D barcode

| | |
|---|---|
| **2D barcode** | Long identification distance,high identification rate, quick decoding speed, (error rate)≤0.01% |

### UHF

| | |
|---|---|
| **Frequency** | 865~868MHz/902~928MHz |
| **Protocol** | ISO18000-6C(EPC GEN2) |
| **Range** | 0~1.5m (depends on tag) |
| **Battery** | 4300mAh lithium polymer battery,standby time:≥200 hours,work time:≥10 hours, charged AC Adapter(2A) |

### Battery characteristic

| | |
|---|---|
| **battery standby time** | Charge the battery full, Close the wireless communication function, the battery can work after 360 hours. |
| **Battery charging time** | charging time < 4.5 hours |
| **charging time** | ≥10 hours (full charged) |

### User Environment

| | |
|---|---|
| **Operating Temp** | -20℃~50℃ |
| **Storage Temp** | -20℃~70℃ |
| **Humidity** | 10%~90%RH， Non-condensing |

### Physical characteristics

| | |
|---|---|
| **Net Weight** | 0.5kg |
| **Reader Dimension** | 162*78*22mm |

### Accessories

| | |
|---|---|
| **Standard** | 1 pc lithium polymer battery,1 pc power supply,1 DC charging cable,1 pc USB cable |

Detail image

## Detailed image

**01** Spare parts:1pc reader,1pc battery,1pc charger plug,1pc USB cable

Plug          USB cable          Battery

**02** Reader dimension:
- Reader size:162*78*22mm

**03** More details:

Touch screen

HOME button

Menu button

Return button

Custom function button F1

Custom function button F4

Custom function button F3

Custom function button F3

Scan head

Headphone jack

Reading zone

USB data charge interface
lock button

lock button

Custom function button

Custom function button

Power button

Volume button

Wrist strap hole

**Quality Warranty**

 - Warranty Service will be honored if the damage is not caused by human, ACM Goldbridge provides 2 years warrantyfor relative products.
- On the contrary, ACM Goldbridge will cahrge extra if repair.
- More information, please browse our service center.

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We are professional comprehensive security access control products supplier with 20 years experience, we make sure to offer the best solution of access control system solution! So, send your inquiry details in the below, click *"Send"* now!
We are looking forward to forming successful business relationships with new clients around the world in the future.

## Application

Application of RFID UHF reader and writer
1, Clothing management
2, Warehouse management
3, Government management
4, Hospital management
5, Logistic management
6, Retail management

## Packing & Delivery

Packaging
UHF handheld reader  packaging: 1unit per box
Single size : 195*140*92cm , Gross Weight :1kg.

**Package:**
- Package size:195*140*92mm
- Gross weight:1kg

**Shipping Way**

We are one of the leading exporter of RFID products in China since 2000 years . With rich international trade experience we know the international shipping very well , We know which express or air/sea line is cheap and safe to your country . We can supply various certificate for you to clean your custom to such as CO , FTA , Form F , Form E ...Ect . We wil provide our professional suggestion for your shipping . EXW , FOB , FCT , CIF , CFR ...trade term are ok for us . We can be your reliable partner for products and shipping .

## Your May Need

   We are Professional uhf reader manufacturer , Except the ACM812A , we also can supply ACM802A , ACM818A , ACM801A . The main difference of them are the reading distance . Also , ACM801A can be used to read multi-tag(200 pcs at one time ) . For more detail , please click following picture .

ACM812A
2-5m reading range UHF reader
Wiegand 26 output, RS232/485

ACM818A
10-20m long range UHF reader
Wiegand 26 output, RS232/485

ACM802A
8-10m reading range UHF reader
Wiegand 26 output, RS232/485

ACM801A
10-15m UHF reader
Wiegand 26 output, RS232/485

ACM 8017
UHF Handheld Reader
UHF+WIFI+GRPS

ACM 918K
UHF 4-Antenna Channel High
Performance Fixed Reader

## Our Service

1, Any inquires will be replied within 24 hours
2, Professional manufacturer and supplier, Welcome to visit our website and our factory
3, OEM/ODM Available
4, High quality, fashin desing, reasonable & competitive price, fast lead time
5, After-sale Service :
1), All products will have been strictly quality checked in house before packing
2), All products will be well packed before shipping
3), All our products have 2-3 year warranty if the damage is not caused by human
6, Faster delivery : Around 1~ 5 days for sample order, 7~30 days for bulk order
7, Payment : You can pay for the order via : T/T, Western Union, Paypal

## FAQ

Q: 1. How can I place an order?
A: Please list your requirement to us via Email. Then we will send the offer to you at earliest time,after order confirmation, we will arrange production ASAP.

Q: 2.What about the payment and shipment?
A: T/T ,Paypal, Western Union.
   Clients can choose by sea, air or express(DHL, FedEx, TNT UPS etc.)

Q: 3. How can i get a sample to check your quality?
A:We could provide free sample to you, and the freight cost payed by you.

Q:4. How long can I expect to get the samples?
A: It depends on the quantity. Normally 3-7 days for 5000pcs and 7-15 days for 100,000pcs

Q:5. Can your products be customized?
A: Almost all of your products are customized ,including the materia, size, thickness and printing. OEM orders are highly welcome.

Q:6.Are you a trading company or factory?
We are the one of the biggest manufacturer of RFID cards/NFC tags/RFID keybod /RFID wristband，rfid reader and access control products in China more than 20 years.