

R65D Mobile phone reader



Introduction:

R65D is 125Khz contactless Android Mini-reader, Using the reader Type-c port connect the device of Android system, Free pluggable without power. Beautifully design, it's not only simple aspect, but also stable and reliable data.

On the other hand, it can connect with computer by a OTG cable, It's easier to transformation between Android phone and Computer (Type-c port tun into USB port). Widely used for RFID Radio Frequency Identification system and project, Such as Automated parking management system, Personal identification, Access controller, Production Access control, etc

Basic parameters:

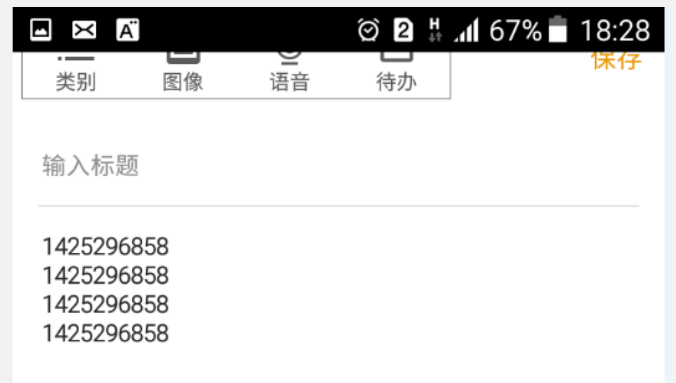
| project | parameter |
|-------------------------|---|
| Working frequency | 125Khz |
| Card reader type | Em4100,TK4100,SMC4001 and compatible card |
| Operating Voltage | 5V |
| Reading distance | 0mm-100mm(related to the card or the environment) |
| Card reading speed | 0.2s |
| Dimensions | 35mm×35mm×7mm (without interface) 71mm×71mm×19mm (packaging) |
| Communication Interface | Type-c |
| Operating temperature | -20℃~70℃ |
| Working current | 100mA |
| Card reading time | < 100ms |
| Reading distance | 0.5S |
| weight | About 20G (Without Package) About 50G (With Package) |
| operating system | Win XP\Win CE\Win 7\Win 10\LIUNIX\Vista\Android (Test brands: Samsung, Sony, vivo, Xiaomi) |
| other | Status indicator: 2-color LED (" blue " power LED, " green " status indicator) Output format: default 10 digits decimal (4 bytes), support customized output format. |

Usage and precautions:

1. How to use/install

After inserting the card reader into an Android system platform such as a mobile phone/tablet, the indicator light of the card reader turns "blue", indicating that the card reader has entered the state of waiting for card swiping.

Test method: Open the output software of the Android system platform such as mobile phones/tablets (such as editors such as memos/messages), and move the label close to the card reader, that is, the card number will be automatically displayed at the cursor, and the carriage return function will be provided. As shown:



2. Matters needing attention

- Android system requirements such as mobile phones: OTG function
- If the reading distance of the card reader is too long, it will cause the card reading to be unstable or fail. Avoid reading the card in a critical state (the distance just to be able to read the card). At the same time, two adjacent card readers will also interfere with each other.
- There are many factors that affect the card reading distance. Different protocols, different antenna designs, surrounding environments (mainly metal objects), and different cards will all affect the actual card reading distance.
- The way of reading the card, it is recommended to use the card directly facing the card reader and approach it naturally. The card reading method that quickly swipes the card from the side is not advisable and does not guarantee the success of the card.
- No response when swiping the card: Whether the interface is inserted properly; whether the radio frequency card is the corresponding label; whether the radio frequency card is broken; whether another radio frequency card is in the card reading range.