R65H UHF Reader

Introduction:

R65H is a small all-in-one card reader, compatible with ISO 18000-6C standard. The working frequency is 902MHz~928MHz. It is used for short-range identification or back-end card issuer management. It can be directly connected to the Android intelligent system platform through the TYPE-C interface. It can be pulled out or inserted at will (plug and play), no external power supply is required, and the exquisite and compact design is not only easy to use, but also stable, accurate and reliable in reading.

The product can not only be used on the Android system platform of the mobile phone/tablet lamp, but also can be connected to a computer (computer) through an OTG conversion cable, and the epc number data software of uhf (such as memo) can be read and output in the computer. It is widely used in logistics warehousing management, intelligent parking lot management, production line management, etc.

Project	Parameter
Working frequency	902MHz～928MHz
Communication Interface	Micro USB
Card reader type	ISO 18000-6C protocol label
Operating temperature	-20℃~70℃
Operating Voltage	5V
Working current	100mA
Card reading time	＜100ms
Reading distance	0~5cm
Reading distance	0.5S
Card reading speed	0.2s
Dimensions	35mm×35mm×7mm (without interface)
	71mm×71mm×19mm（Packaging）
weight	20g (net weight)
	50g (including packaging)
operating system	Android (test brands: Samsung, Sony, vivo, Xiaomi)
	Windows system: Win XP\Win CE\Win 7\Win 10\LIUNX\Vista\Android
other	Status indicator: 2-color LED ("blue" power LED, "green" status indicator)

Usage and precautions

1.How to use/install

After inserting the card reader into the Android system platform (such as mobile phone/tablet), the indicator light of the card reader will turn to "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 a mobile phone/tablet (such as an editor for memos/messages, etc.), and move the label near the card reader, that is, the epc card number is automatically displayed on the cursor, and the enter function is provided. as the picture shows:

2.note

- 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 uses the card to quickly swipe 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 a label corresponding to the protocol; whether the radio frequency card is broken; whether another radio frequency card is in the card reading range.