ZKTeco

Fast guide

UR20RWF winder

TVCen Línea
.com

A un click de distancia ...

1.- Product Summary

UR20RW-F are ultra high frequency, readable and writable card issuers that can read and write data for the user area and EPC area of   UHF tags.

Combined with UHF contactless radio frequency circuitry and various encoding and decoding algorithms, this card issuer can read and write the tags and cards that support the global EPC standard UHF Class1 Gen 2 and ISO 18000-6C. Its USB interface adopts the advanced plug and play interface without driver kernel technology to connect computers and other equipment.
The card issuer control chip is provided with a watchdog and voltage detection circuit, and has the advantage of stable reading performance.
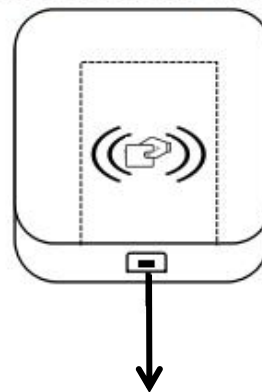
2.- General Information

Vista Frontal

Vista Lateral e Interface
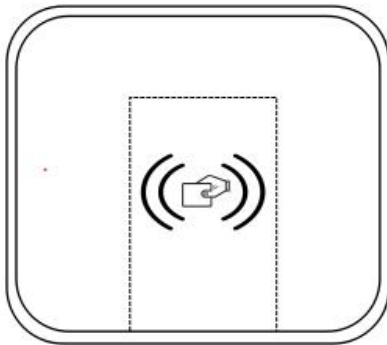
Mini-USB port

enroller
Work Frequency:
902MHz-928Mhz
Reading Range:
20~40CM

3.- Technical Data

Model	UR20RWF
Supported Cards	UHF Tags ,UHF Cards
Work Frequency	902MHz-928Mhz
Reading Distance	Valid distance of 20 ~ 40CM (determined by the environment and labels)
Protocol	Global EPC UHF Class1 Gen 2, ISO 18000-6C
Communication Interface	USB analog keyboard output
Support Operation	Compatible with US standard UHF reader
working voltage	DC5V(±4%)
Work Current	50~300mA
Work temperature	-10°C ~ +50°C

4.- Safety Precautions

The operating voltage of the winder is 5V, it is recommended to use a mini USB cable and take the voltage from the USB port of the PC.
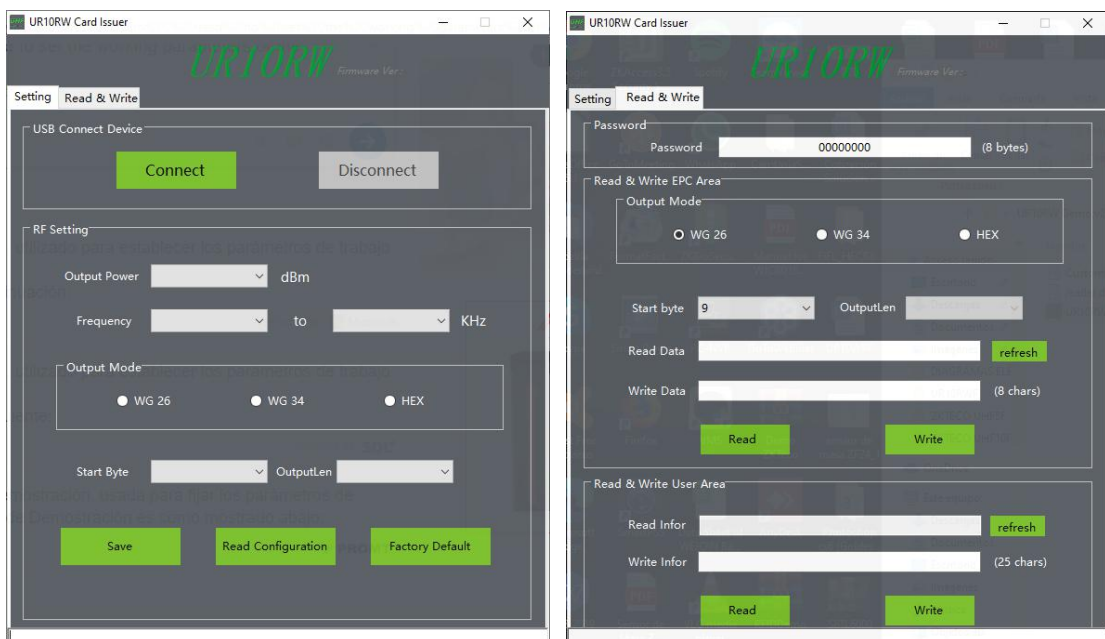
5.- Modification of the configuration by means of Demo

PC

UR10RW
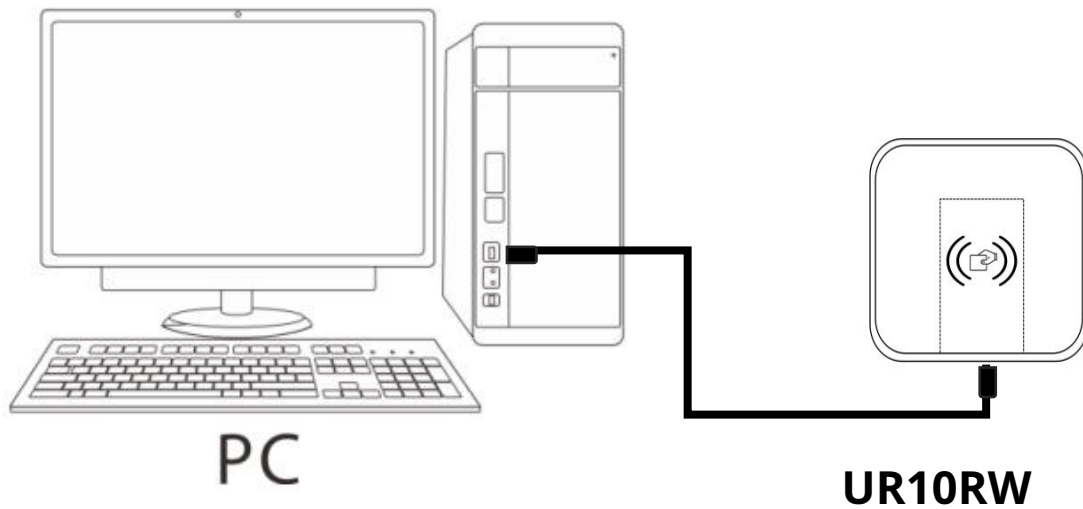
Software Introduction

Our company offers Demo, which is used to configure the work parameters of the enroller.

The demo interface is as shown below:

The default reader settings are as follows:

Output power	26dBm
Frequency	902MHz-928Mhz
Communication Interface	Wiegand 26

Demonstration with instructions

Connect the USB port of the reader to the USB port of the computer.

- To play the demo on computer, please click "Connect", on the right side of the middle it will display "Connected Successfully".

- **RF configuration**: Set the RF parameters of the machine, including power and spectrum.
- **Output power:** The power range is 10 ~ 33 dBm.
- **Frequency:** They allow its use in multiple applications and systems. Available for Global Frequencies 902MHz-928Mhz.
- **Output Mode:** The default Wiegand format is WG26 and can be set to WG34 and Hex.
- **Start Byte:** EPC tag has 12 byte data, the default first 3 or 4 byte data, if you set a byte offset value, the output data will start from the set value.

Reading and writing

The module is used to read and write the EPC card number. **Read & Write EPC Area:** To read and write data from the EPC area.

Read & Write EPC User Area: To read and write EPC user data.

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