UHF Card Issuer

UR10RW-E（A34020247）

UR10RW-F （A34020248）

UR10RW-E and UR10RW-F are ultra high frequency , readable and writable card issuer which can read and write data for User Area and EPC Area of UHF tags.

Combined with UHF non-contact radio frequency circuits and various coding and decoding algorithms,this card issuer can read and write the labels and cards which support EPC global UHF Class1 Gen 2 and ISO 18000-6C standard. Its USB interface adopts the advanced plug and play interface without driver core technology to connect computer and other equipment.

The card issuer control chip is provided with a watchdog and a voltage detection circuit,and has the advantage of stable reading performance.

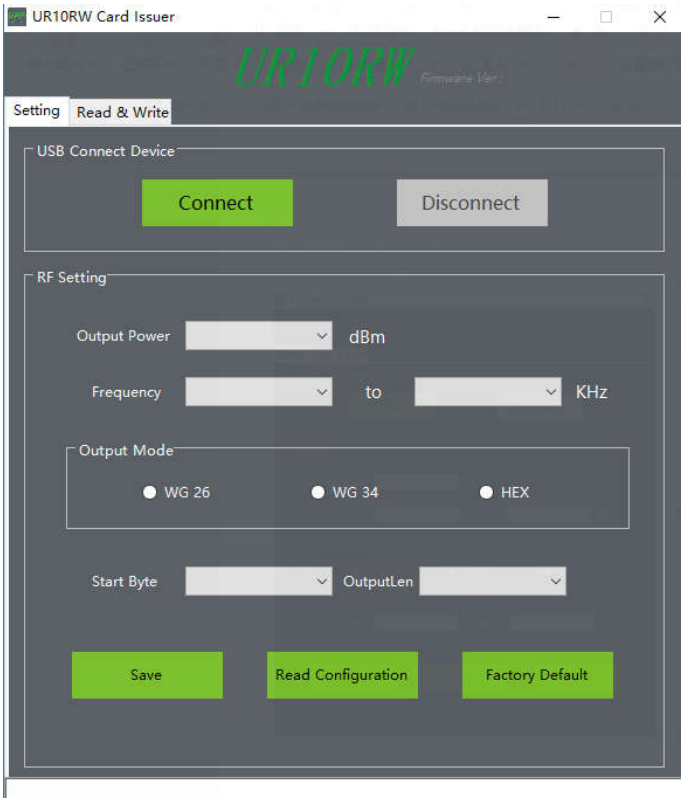
Features

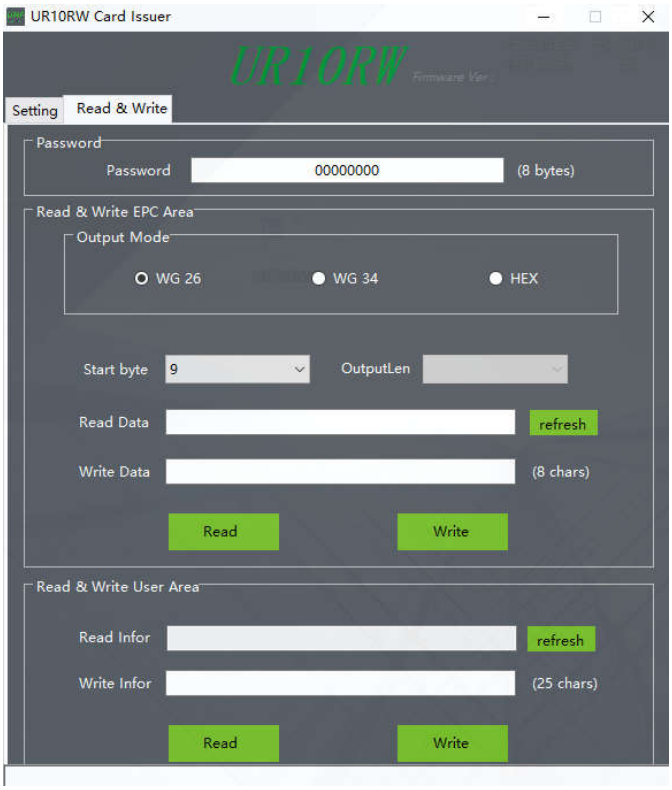
- Wiegand 26 output(Default);Wiegand 34 (Optional)
- With antenna,active card search mode
- USB data format output
- USB power supply,no drive
- Data Reception Time:less than 90ms
- Multi-system :Windows,Linux,Android,IOS

Specifications

Model	UR10RW-E	UR10RW-F
Card Supporting	UHF Tags ,UHF Cards	
Working Frequency	865MHz-868MHZ	920MHz-925Mhz 20~40CM
Reading Distance	valid distance (Determined by the environment and tags) EPC	
Protocol	global UHF Class1 Gen 2, ISO 18000-6C	
Communication Interface	USB analog keyboard output	
Support Working	Supporting Europe standard UHF reader	Supporting American standard UHF reader
Working Voltage	DC 5V（±4%）	
Working Current	50~300mA	
Working Temperature	-10°C ~ +50°C	
Storage Temperature	-20°C ~ +80°C	
Dimension	107*107*23mm(±1mm)　(wire length: 1500mm)	

DEMO Configuration





Via the demo,user can set output power ,working frequency and data output format for card issuer, also can write and read data information of UHF cards.

Notes

1.Though the demo can read and write EPC Area and User Area datas of UHF card, UHF reader just read EPC Area data and output the card number.
2.After the DEMO settings are completed, disconnect the demo ,then you need to wait for 1s to use the text or document to obtain data.
3.In order to prevent duplication of read card, you should leave the card area about 1s to swipe again.
4.Reading card successfully once ,the prop tone alarms once and flashing green light.
5.Opening any text or taking a typewriting window as the current window,the cards number will be displayed in the window.
6.When the power is on, the buzzer rings about 400ms,while swiping cards,the buzzer rings about 200ms.
7.The card issuer outputs the EPC byte .(TID/USER (initial address) implemented later in the upgrade.

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NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

RF exposure warning :
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with minimum distance 20cm between the radiator & body.