UR20RW-E/F
UHF Card Issuer

UR20RW-E and UR20RW-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.

The 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 26-98 (Optional)
- USB power supply
- With antenna, active card search mode
- Data Reception Time: less than 90ms
- USB data format output

Specifications

Model	UR20RW-E	UR20RW-F
Card Supporting	UHF Tags ,UHF Cards	
Working Frequency	865MHz-868MHZ	902MHz-928Mhz
Reading Distance	0 to 5cm valid distance	
Protocol	EPC 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 to 300mA	
Working Temperature	-10℃ to +60℃	
Storage Temperature	-20℃ to +60℃	
Dimension	107*107*23mm (±2mm)	

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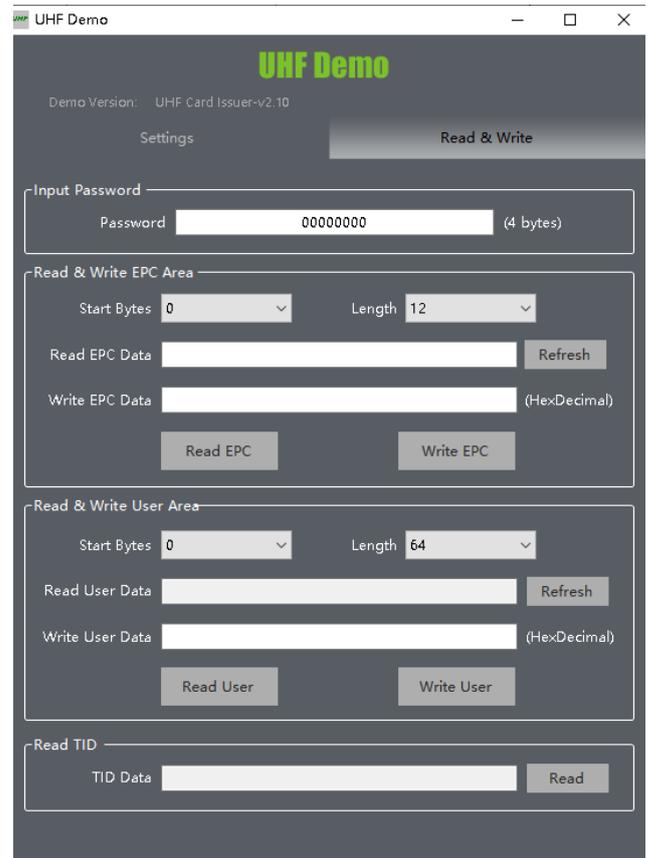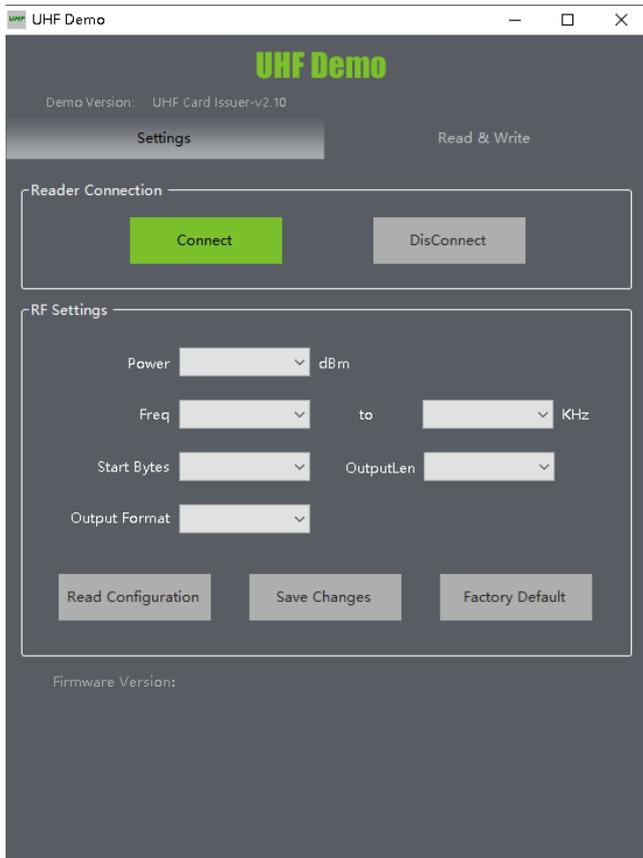
Via the demo,user can set working frequency and data output format for card issuer, also can write and read data information of UHF cards.

Notes

- Though the demo can read and write EPC Area and User Area data of UHF card, UHF reader just read EPC Area data and output the card number.

- 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.

- In order to prevent duplication of read card, you should leave the card area about 1s to swipe again.

- Reading card successfully once ,the prop tone alarms once and flashing green light.

- Opening any text or taking a typewriting window as the current window,the cards number will be displayed in the window.

- When the power is on, the buzzer rings about 400ms,while swiping cards,the buzzer rings about 200ms.

- The card issuer outputs the EPC byte .(TID/USER (initial address) implemented later in the upgrade.