UHF Card Issuer



UR10R-1E
(A34020243)



UR10R-1F
(A34020244)

UR10R-1E and UR10R-1F are ultra high frequency and read-only encryption card issuer which only read ZK encrypted UHF tags.

Combined with UHF non-contact radio frequency circuits and various coding and decoding algorithms,this card issuer can read the labels and cards which support EPCglobal 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-bit/34-bit(optional by demo)
- USB power supply,no drive
- USB data format output
- With antenna,active card search mode
- Data Reception Time:less than 90ms
- Multi-system : Windows,Linux

Specifications

Model	UR10R-1E	UR10R-1F
Cards Supporting	Encrypted UHF tags and cards	
Working Frequency	865~868MHz	902~928MHz
Reading Distance	20~40CM valid distance (Determined by the environment and tags)	
Protocol	EPCglobal UHF Class 1 Gen 2, ISO18000-6C	
Communication Interface	USB analog keyboard output	
Support Working	UHF1-5E,UHF1-10E	UHF1-5F,UHF1-10F
Working Voltage	DC 5V(±4%)	
Working Current	50~300mA	
Working Temperature	-10℃ ~ +50℃	
Storage Temperature	-20℃ ~ +80℃	
Dimension	107*107*23mm(±3mm) (wire length: 1500mm)	

Notes

- After the DEMO settings are completed, you need to wait for 1s to use the text or document to obtain data.
- 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.
- In order to prevent duplication of read card, you should leave the card area about 1s to swipe again.
- 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)

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