

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°C ~ +50°C | |
| Storage Temperature | -20°C ~ +80°C | |
| 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)

