

U-CARD KEY

Overview

Patent No: 1711398

U-CARD KEY= Mini Contactless Card + USB Flash Memory!

U-CARD KEY is the latest & patented **RFID tag deployed USB memory** in the world. It's a special smart card, a lovely RFID tag, also a modern USB flash memory.

U-CARD KEY focuses on public transportation market and various applications which you can imagine. The outstanding & innovative design combines the USB memory and RFID card together.

We can deploy 2 RFID chips like Mifare & ICode into one tag for dual frequency application! The advertisement & user manual can be embedded in USB memory or in the package!

It's a modern art work as well! The mini size, multi-function, unique design and crystal clear printing make it so outstanding. It can be hanged with cell phones. **U-CARD KEY** is the highlight and fashion in RFID industry!

U-CARD KEY already has been introduced to Shanghai Public Transportation and other cities. In Shanghai, there are over 30 Millions RFID plastic cards issued and the issuer wants to get more unique & valuable solutions to end-users.

A Small Tag, The Big Market. It's a highly outstanding offer to your customer, which also will create more marketing power for you. With strong supports, we will help you find more opportunities and manage the sales channel as well.

Main Feature

- ❖ Water-proof & solid housing
- ❖ Convenient, fashion, multi-function
- ❖ Available in 4 shapes & perfect housings
- ❖ Flexible Choice of USB memory: 2/4/8G, etc
- ❖ Outstanding R/W distance and performance
- ❖ Support chips of LF, HF ISO14443A,B & ISO15693
- ❖ Perfect printing: Ceramic result, anti-scratch resistant. 8 colors, high resolution.



Key Application

- ◇ Public Transportation
- ◇ E-purse and Identity
- ◇ Social Public Health Care
- ◇ Access management, e.g. employee, campus card
- ◇ Beyond a smart card, as more as you can imagine...

Brief Specification

- ◇ **Basic material:** PC+ ABS
- ◇ **USB size:** standard 2.0 full speed, SAMSUNG chipset.
- ◇ **Life time:** 100,000 times data R/W, 10 years data duration
- ◇ **Dimension & Weight:**

Model	Dimension(LxWxT)-mm	Unit Weight
RS MINI	15.5 x 27.3 x 5.8	2.6 g
RS 20	23.3 x 39.0 x 6.0	4.0 g
RS 30	30.0 x 54.0 x 3.3	4.5 g
RS 40	65.0 x 40.0 x 3.3	7.0 g

◇ Reading/Writing Distance Reference

R/W Distance	Mifare1K S50 / ISO 14443A OMINIKEY 5321	ICODESLI/ ISO15693 OMINIKEY 5321
RS MINI	≥ 2.2 cm	≥ 2.3 cm
RS 20	≥ 3.9 cm	≥ 2.6 cm
RS 30	≥ 3.4 cm	≥ 3.5 cm
RS 40	≥ 5.0 cm	≥ 5.5 cm

Remark: R/W range depends on reader & chip type

◇ Available ICs

Type	LF/125KHz	HF/13.56MHz	LF+HF/Dual Frequency
RS MINI	√	√	X
RS 20	√	√	√
RS 30	√	√	√
RS 40	√	√	√
<i>LF Chip</i>	EM4100/4200, EM4450/4550, T5577 etc		
<i>HF Chip</i>	ISO14443A: Mifare classic 1K/4k, Plus 2k/4K, DESFire 2k/4K/8K, SLE66R35 etc.		
	ISO 15693: NXP ICODE Series etc.		

Remarks: Support single frequency, dual frequency (LF+HF),
Even 2 HF chips (ISO14443+ ISO15693) in one tag.



Gallery

◇ RS MINI



◇ RS 20



◇ RS 40/RS 30



Delivery Option

We will put the individual **U-CARD Key** into the customized PET packaging, also with one ISO card sized PVC/Paper inside, where can print your advertisement, usage instructions and user

manuals, etc as you wish. A hung-up lanyard could be deployed as well.



Furthermore, the card issuer can design & make an external box to pack **U-CARD Keys** themselves if people want to present such tag as the elegant gifts or souvenirs to customer.

Personalized Service

- ✧ **Laser engraving:** Chip UID ,Sequential number
- ✧ **Chip encoding:** As the data provided or mapping file
- ✧ **Personalized printing:** Photo, data printing according to client's database

Value Added Service

We may help customer download the data & e-documents such as advertisement or user manual into the USB flash memory, which can help people enhance their marketing promotion.

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Please contact us for quantities and pricing.