# smart RFID card entry system

**Specifications:**

| | |
|---|---|
| Material: | PVC |
| Surface: | glossy, matte, frosted |
| Size: | 86*54*0.84mm, customized size is available |
| Printing: | silk printing; full color printing; digital printing |
| Crafts: | Serial number printing, logo printing, data encoded etc |
| Frequency: | HF/13.56MHZ |
| Protocol: | ISO 14443A/15693 |
| Chip options: | HF 13.56MHz<br>1).Type1<br>Broadcom Topaz512(454 bytes);<br>2).Type 2<br>NXP Ntag213(144 bytes)<br>NXP Ntag215(504 bytes)<br>NXP Ntag216(888 bytes)<br>MIFARE Ultralight®EV1(48 bytes)<br>MIFARE Ultralight®C(148 bytes)<br>MIFARE and MIFARE Ultralight are registered trademarks of NXP B.V. and are used under license.<br>3)Type 4<br>MIFARE® DESFire® EV1 2K<br>MIFARE® DESFire® EV1 4K<br>MIFARE® DESFire® EV1 8K<br>MIFARE DESFire are registered trademarks of NXP B.V. and are used under license.<br>4)MIFARE®(1K bytes)<br>MIFARE and MIFARE Classic are trademarks of NXP B.V.<br>5)MIFAREPlus®<br>MIFARE and MIFARE Plus are registered trademarks of NXP B.V. and are used under license.<br>6) FUDAN FM11RM08,TI2048,NXP ICODE SLI ,NXP ICODE Slix chip etc.<br>7) SRT512 |
| Applications of RFID card: | 1 Identification and management<br>2 traceability security<br>3 card management<br>4 ticket management<br>5 hotel door lock management and application<br>6 large conference staff access system<br>7 library management system |
| Package: | 100pcs/opp bag and 5000pcs /carton |
| Lead time: | 8-9 days base on quantity |
| Shipping way: | by express(DHL,FEDEX), by air, by sea |
| Price term: | EXW,FOB,CIF,CNF |
| Pay term: | by TT, western union, paypal, etc |
| Certificate: | ISO9001-2008,SGS,ROHS,EN71 |
| MOQ: | 500 pcs |
| Sample requested: | Free samples and shipping cost collection by customer |

**Product Photo**

Today, the radio frequency card technology is becoming highly anticipated because of its remote reading, high storage capacity and other characteristics. It is not only can help an enterprise to improve the efficiency of goods and information management, but also can make the sales enterprise and manufacturing enterprise interconnection, so as to more accurately receive feedback information, control demand information, optimize the entire supply chain.

Compared to conventional barcode identification technology, RFID card has the following advantages:

1. A quick scan

Bar code can only have a bar code scanned one time; RFID readers can identify and read several RFID tag at the same time.

2. Small size, shape, diversification

RFID on the read is not restricted by the size and shape, don't need to cooperate with fixed size paper and printing quality to read accuracy. In addition, the RFID tags can develop toward miniaturization and diversity form, for using in different products.

3. The pollution resistance and durability

The carrier of the traditional bar code is paper, so vulnerable to pollution, but RFID for materials such as water, oil and chemicals has a strong resistance. In addition, because the bar code is attached on the plastic bags or outer packing carton, so it is particularly vulnerable to wreck; the

data of RFID label stored in chip, therefore it can avoid from fouling.

4. Can be reused

Today's bar code cannot be change after printing up, but RFID tags can be repeated to add, modify, delete data stored in RFID label, this is convenient to update information.

5. Penetrability and no barriers to read

In the case of covered, RFID can penetrate paper, wood and plastic, etc. Nonmetal or opaque material, and has the ability of penetrating communication. However, bar code scanner read the barcode must stop at close range and no object.

6. Big Data memory capacity

The capacity of one dimension barcode is 50 bytes, 2 dimension barcodes' biggest capacity can store 2 to 3000 characters, RFID's largest capacity is several MegaBytes. With the development of the carrier of memory, data capacity is also a growing trend. The information of items needed to carry in the future will be more and more big, the demand of volume label' expand capacity also increases accordingly.

7. Security

Due to the bearing of RFID is electronic information, the data content can be password protected, its content is not easy to be forged and altered.

**Production process of RFID Card**



**Package of RFID card**

## Packing


**OPP Bag for Individual Card**


**250/200 pcs Cards with Clear Paper**


**Inner Box Package**


**Outside Carton Package**

Company Information

## Office

3,000 m² office, 180+ sales trustable team supporting you!



## Factory

7,000 m² clean work shop, more than 500 staffs, strict QC system, full set of advanced machines for all kinds of crafts production, ensuring each order will be taken cared fast and well.



We are the professional factory which manufacture RFID product and PVC card in China, such as RFID card, RFID wristband, RFID blocking sleeve, NFC tag, PVC card, PVC luggage tag etc. Customized size and color are available. We offer high quality but low price goods. Our big clients include Sony, Samsung, OPPO, British Telecom etc. Hope we will become a business partner in the future. Welcome to inquiry!

**Why choose to cooperate with us**

1.15 years of production experience
2 cooperate with many big brand
3 employees more than 300 people
4 each of the RFID card produced by the strict quality inspection and testing
5 free samples for customer testing