JH Card

RFID Card Manufacturer Since 2004



JH Card

www.jhsmartcards.com

Company Introduction



Shenzhen Jianhe Smart Card Technology Co., Ltd was founded in 2004. As an honored and certified National Hi-Tech Enterprise of Chinese smart card industry, Jianhe offers a complete range of card & tag solutions. These include 125KHz cards, Mifare/NFC 13.56MHz cards, and UHF 960 MHz cards and tags. We provide not only white blank cards & tags but also full - color pre - printed and other customized services in - house.

JH Card has a registered capital of 70 million RMB. Over 3.5 million RMB has been invested in upgrading factory equipment. The factory covers an area of over 5,000 square meters and has 400 workers. With an annual production capacity of 800 million units, JH Card has already achieved great brand reputation in the global market.

Jianhe Card has the following offices across China, such as in Guangzhou, Beijing, and Huizhou. We also have a branch, Jianhe Yi Xun Technology Co., Ltd.

Jianhe Card has obtained the following certificates

- Registration Certificate
- ICCR Certificate
- ISO 9001-2008 Certificate
- ISO14001:2004 Certificate
- OHSAS18001:2007 Certificate
- HI-TECH Enterprise Certificate
- Global Recycled Standard (GRS)
- ISO 14067
- GB/T36132-2018
- ESG

JH Card

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Eco-friendly Card

Polycarbonate Card

Polycarbonate Card (PC Card) is a card made of polycarbonate as the main material. It can be decomposed into carbon dioxide and water after burning.





Security Features

- OVI Ink
- 2D Barcode
- Laser Engraving
- MLI/CLI
- 3D Effect
- Water Mark
- Raiinbow Printing
- Guilloche
- Invisible UV
- Weakening Pattern
- Hologram
- Ghost Shadow
- Dual Interface Chip
- Micro Text
- Deliberate Error
- Transparent Window

RPVC Card

RPVC uses recycled PVC materials, which can effectively reduce the pollution of plastic waste to the environment and conform to the recyclable environment.



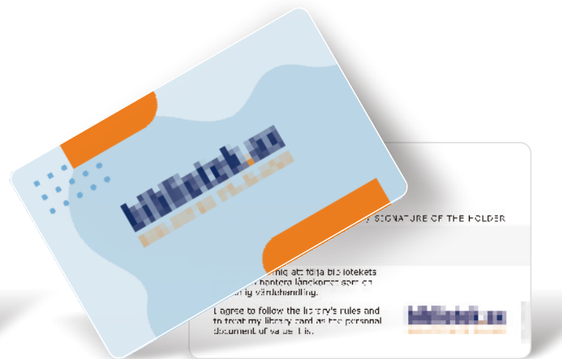


Eco-friendly Card

PLA Card

Polylactic acid (PLA) is a new type of biodegradable material. Its raw materials come from renewable plant resources such as corn and cassava.





PETG Card

PETG material does not produce harmful gases when burned, and decomposes into carbon dioxide and water after burning.





Eco-friendly Card

Wooden Card

Product Features: Wood is a natural renewable resource. Using sustainable forestry grade wood to make cards has less impact on the environment and is in line with environmental protection concepts. Wood has a unique texture and color. Each wooden card has a unique appearance, giving people a natural and rustic feeling.
Product Usage: Hotel Card, VIP Card, Gift Card, Commemorative Card, etc.



Wood type:



Anti-copy ID card

Introduction

The JH4102 anti-copy ID card is a low-frequency 125KHz card with encryption function. This card breaks the traditional read-only feature of ID and has the functions of being encrypted and code-writable.

Advantages

1.Consecutive numbers can be written
2.The number segments can be customized

Application



Unit Door | Rental Housing | Enterprise Entrance Guard | Floor Control | Community Access Control | Passage Gate

Anti-replication ID card



Access control machine



G60S | G30 | S20 | F20 | T3

Smart Card >>>>>>



Low Frequency

Material	PVC,ABS,PET
Size	85.6*54MM
Frequency	125KHz
Protocol	ISO 11784/5
Chip	TK4100,EM4200/4350/4450,T5577 etc.

High Frequency

Matrial	PVC,ABS,PET
Size	85.6*54MM
Frequency	13.56Mhz
Protocol	ISO 14443A, ISO15693
Chip	Mifare Classic1K/4K, Ntag 213/216, FM11RF08, FM11RF32 etc.





Ultra High Frequency

Material	PVC, ABS, PET
Size	85.6*54MM
Frequency	860-960MHz
Protocol	ISO-18000-6C
Chip	NXP UCODE 7, Alien H3, IMPINJ Monza 4D/ 4E/4QT,IMPINJ Monza5, etc.

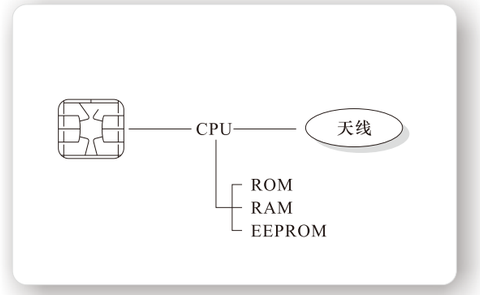
JH Card

Smart Card >>>>>>

Contact Card

Material	PVC,PET,ABS, etc.
Protocol	ISO 7816
Size	85.6*54mm
Chip	SLE5542/5528,FM4442/4428,AT24C01/ 24C16 etc.



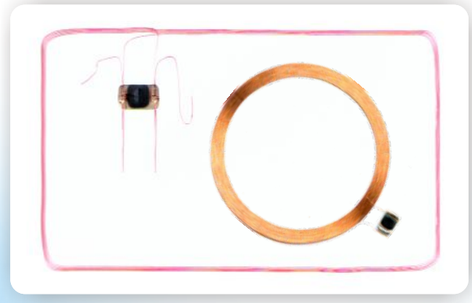


Dual Interface Card

Material	PVC,PET,ABS,etc.
Size	85.6*54mm
Features	Dual Interface Card is a microprocessor card which has one chip with contactless & contact interfaces.

Composite Card

Material	PVC, PET, ABS, etc
Size	85.6*54mm
Features	Embedded two or more chips in one card.
Combo method	LF+HF;HF+UHF;LF+UHF



Smart Card >>>>>>

RFID Keyfob & Epoxy Card

Material	ABS/PVC/Epoxy
Crafts	Logo silk printing, Laser UID printing, Epoxy Punching, Inject Number, etc.
Chip	TK4100, T5577,EM4305.EM4200,JH4101/4102
Application	Access control Residence, Hotel, School, Conference, etc.



Wristband



JH Card

Smart Card >>>>>>

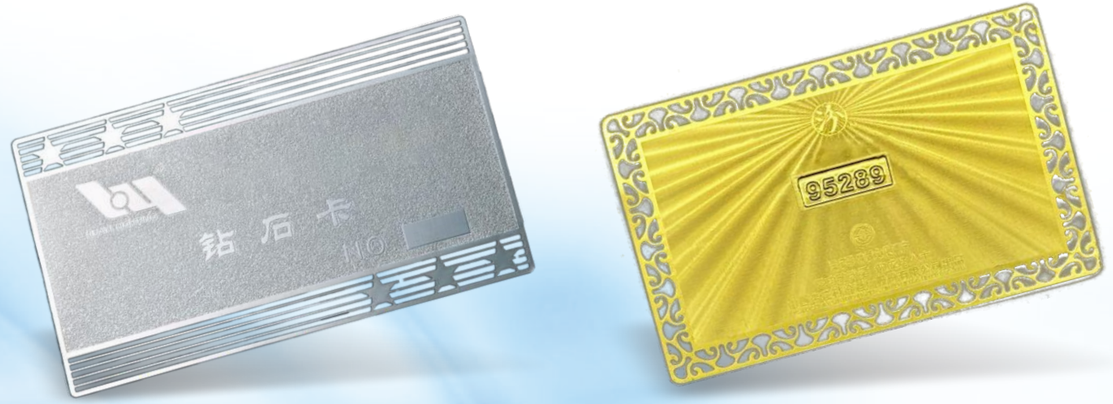
NFC/RFID Customized Products

Material	Acrylic/Ceramic/ Wood/PVC
Chip	Ntag213/215/216, etc.
Size	Customized



Metal Card

Material	Stainless steel, Tianium Alloy, Aluminum, Copper
Chip	Dual-Interface chip, Contact chip, Non-Contact chip
Thickness	0.3-1.0mm or Customized
Size	86*54mm



RFID Label



RFID Self-adhesive Label

Available Material: Coated Paper, synthetic paper, PVC, PET
Available Inlay: LF, HF, UHF
Application: Book management, warehouse logistics management, asset management, jewelry management



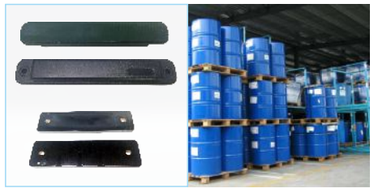
RFID Flexible Anti-metal Label

RFID flexible anti-metal labels are encapsulated with a special material, which technically solves the problem that ordinary anti-metal labels cannot be attached to irregular or curved metal surfaces.



RFID Clothing Label

RFID clothing labels are labels that integrate RFID chip and antennas to link clothing to related information. Each label has a unique identification code that can store and transmit data related to the clothing.



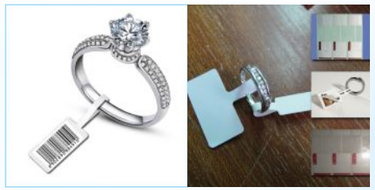
PCB/ABS Label

For metal environments, we specially design long-distance anti-metal antennas and RFID tags made of PCB/ABS/PPS/ ceramic high-temperature resistant packaging materials. They are mainly used in asset management of metal objects.



RFID Animal Label

For animal and livestock management applications, labels can be installed on the ears of animals or injected into the body of animals.



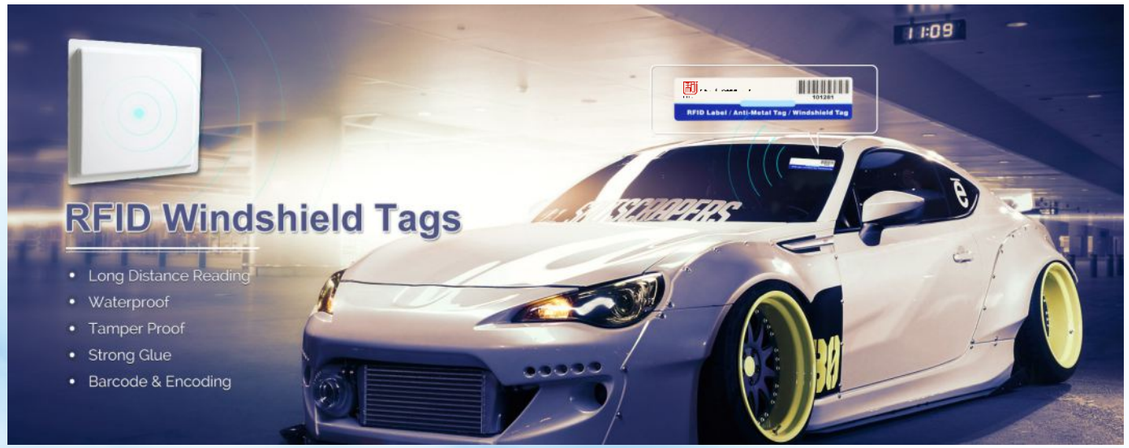
RFID Jewelry Label

RFID jewelry labels are smart labels that use radio frequency identification (RFID) technology and are specifically used for identity recognition, inventory management, and anti-counterfeiting traceability.

RFID Windshield Label



Frequency: 860-960MHz
Protocol: ISO/IEC 18000-bc, EPC Classi Genz
Chip: Alien Higgs-3/Alien Higgs-9
Memory: TID 64 bit
Read Range: 1-15 meters adjustable(Reader, antenna and working condition based)
Size: Customized
Surface Material: PET Waterproof/ Coated paper
Antenna Material: Aluminum Etching
Operating Temperature: 25°~+65°
Printing Craft: Silk Screen Printing, offset Printing, Barcode Serial number, Logo Printing
Package: Roll/Single
Application: The inside windshield of card and ship for transportant management



JH Card

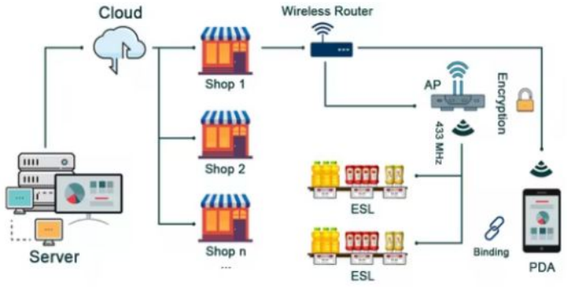
Electronic Shelf Label >>>>>>

Electronic Shelf Label

Electronic Shelf Labels (ESL) are electronic display devices placed on shelves that can replace traditional paper price tags. Each electronic shelf label is connected to the mall POS system database via a wireless network and displays the latest product price and other information.

ESL Product Architecture

The ESL solution consists of shelf labels, base station (wireless AP), PDA, server and software.



Size diagram of electronic price tag



1.54″ 1.8″ 2.13″ 2.66″ 2.9″

AP



Size	215*215*39mm
Communication mode	BLE+Wi-Fi
Voltage	48V POE
Temperature	-10-60℃

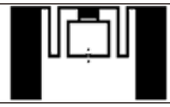
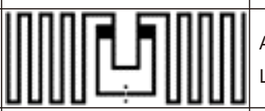
PDA



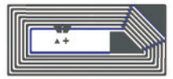
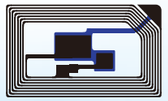
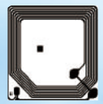
Processor	Cortex-A53 2.5/2.3 GHz octa-core processor
Memory capacity	3GB+32GB / 4GB+64GB
Memory Extension	Supports up to 128 GB micro SD cards
Seal	IP65/IP67 meets IEC sealing specifications
Expansion card slot	1 Nano SIM card slot, 1 Nano SIM or TF card slot
Wireless Local Area Network	EEE802.11a /b/g/n/ac,2.4G/5G dual-band, built-in antenna
Viewing screen	5.2 inch IPS LTPS 1920 x 1080
Main battery	Lithium battery, rechargeable, 4000mAh

JH Card

UHF Tags >>>>>>

Item	Chips/Size and Protocol	Read Distance	Picture	Application
JH4216U	Chip: U8/U9 Antenna Size: 42*16mm Protocol: ISO18000-6C/EPC GEN2	6-8m		Assets management Warehouse management
JH5030U	Chip: U8/U9 Antenna Size: 50*30mm Protocol: ISO18000-6C/EPC GEN2	6-8m		Clothing management Logistic management
JH7014U	Chip: U8/U9 Antenna Size: 70*14mm Protocol: ISO18000-6C/EPC GEN2	8-10m		Clothing management Library management
JH9503U	Chip: U8/U9 Antenna Size: 95*3mm Protocol: ISO18000-6C/EPC GEN2	10m		Clothing management Warehouse management
JH4216R	Chip: R6 Antenna Size: 68*14mm Protocol: ISO18000-6C/EPC GEN2	6-8m		Warehouse management Logistic management
JH7015R	Chip: R6 Antenna Size: 105*6mm Protocol: ISO18000-6C/EPC GEN2	8m		Logistic management Assets management
JH4216M	Chip: M730 Antenna Size: 105*6mm Protocol: ISO18000-6C/EPC GEN2	8m		Assets management Library management
Alien9613	Chip: Alien Higgs-3 Antenna Size: 12*9mm Protocol: ISO18000-6C/EPC GEN2	50cm		Library management Jewellery management
Alien 9610	Chip: Alien Higgs-3 Antenna Size: 44.45*10.33mm Protocol: ISO18000-6C/EPC GEN2	3m		Clothing management Logistic management
Alien 9662	Chip: Alien Higgs-3 Antenna Size: 70*17mm Protocol: ISO18000-6C/EPC GEN2	6m		Library management Assets management
Alien9654	Chip: Alien Higgs-3 Antenna Size: 93*19mm Protocol: ISO18000-6C/EPC GEN2	6m		Assets management Clothing management
Alien9640	Chip: Alien Higgs-3 Antenna Size: 94*8.15mm Protocol: ISO18000-6C/EPC GEN2	6m		Clothing management Jewellery management
H47	Chip: M4QT/M4E Antenna Size: 47*47mm Protocol: ISO18000-6C/EPC GEN2	6m		Two fully independent antenna ports provide high performance wiht 3D antenna technology, tags can be read from any angle.

HF Tags

Item	Size	Picture	Note
JH3615	Φ15.6mm		Chip:Ultralight EV1 Ultralight C Protocol: ISO14443A
JH3322	Φ22mm		Chip:FM1108 Ultralight EV1 Protocol: ISO14443A
JH3325	Φ25mm		Chip:FM1108 Ultralight EV1 Protocol: ISO14443A
JH1312	Φ23.6mm		Chip:NTAG 213/216 Protocol: ISO14443A
JH6335	Φ35mm		Chip:NTAG 213/216 Protocol: ISO14443A
JH3201	11*26mm		Chip:FM1108 Ultralight EV1 Protocol: ISO14443A
JH6202	18*8mm		Chip:NTAG 213/216 Protocol: ISO14443A
JH3203	15*52mm		Chip:FM1108 Protocol: ISO14443A
JH1302	37*22mm		Chip:FM1108 Ultralight EV1 Protocol: ISO14443A
JH5206	47*47mm		Chip:I CODE SILX Protocol: ISO14443A
JH3306	45*76mm		Chip:FM1108 Ultralight EV1 Protocol: ISO14443A

Hardware Equipment

UHF RFID Hand-held Reader



Product name	UHF RFID handheld reader	Operation system	Andorid 8.1
Product model	JH-R501	Storage	2GB+16GB (upgrade 4GB+64GB)
Brand	N/A	Working frequency	840-960MHz
Processor	Cortex-A53 Octa-core 64 bit 2.0GHz high performance processor	Work protocol	ISO18000-6C/6B
Reading distance	1-9m	Battery	3.7V 6000mAh
Screen	5.5-inch IPS color display, 720*1440 resolution	Net weight	500G
Size	170*78*17mm	Working environment	-20° to 55°, 5%RH-95%RH (no condensation)

RFID UHF Reader Integrated machine

RFID UHF reader integrated machine, the use of efficient electronic tag collision processing algorithm, while maintaining high literacy rate, to achieve rapid reading and writing processing of electronic tags, can be widely used in logistics, personal identification, intelligent parking lot and etc.



Type:JH6006
Antenna: 6dBi
Size: 133×133×54mm



Type: JH6009
Antenna: 9dBi
Size: 260×260×87mm



Type:JH6012
Antenna: 12dBi
Size:445×445×65mm

Product name	JH6006	JH6009	JH6012
Dimension	133*133*54mm	260*260*87mm	445*445*65mm
Weight	1.1kg	4.0kg	2.6kg
sheating material	ABS		
Device color	Grey white		
Operating temperature	-20°-+60°		
Storage temperature	-40°~+85°		
Waterproofing grade	P65		
Operating humidity	5%~95% RH, Non-condensing		
Working frequency	902-928MHz,860~868MHz（can be adjusted by App）		
Antenna specification	6dBi circularly polarized antenna	9dBi circularly polarized antenna (customizable)	12dBi circularly polarized antenna (customizable)
Output power	0-30dBm		
Reading distance	0-5m	0-15m	0-20m
Card writing distance	0-3m	0-6m	0-8m
Card reading speed	100 times per sec	100 times per sec	400 times per sec
Read-write card type	SO18000-6C(EPCGen2)/(Customizable to national standard)		
Card reading prompt	Buzzer		
Working voltage	DC+9-24V,12W	DC+9-24V,12W	DC+9-24V,20W
Work pattern	Active mode, command mode, trigger mode, password mode		
Communication interface	RS232,RS485,WG26,WG34, trigger/relay (optional),RJ45 network port (optional),AMIFI(optional),4G(optional)		

Qualification Certificate



Registration Certificate



ICCR Certificate



Trade Mark



ISO 9001-2008 Certificate



ISO 14001:2004 Certificate



OHSAS18001:2007 Certificate

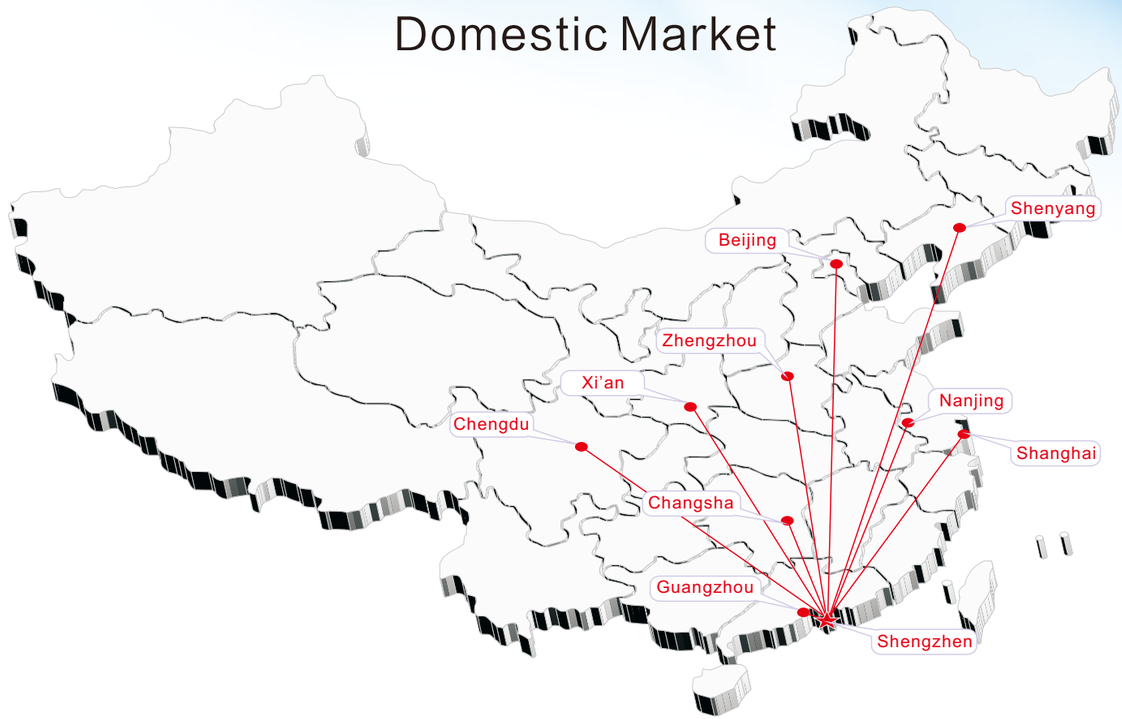


HI-TECH Enterprise Certificate

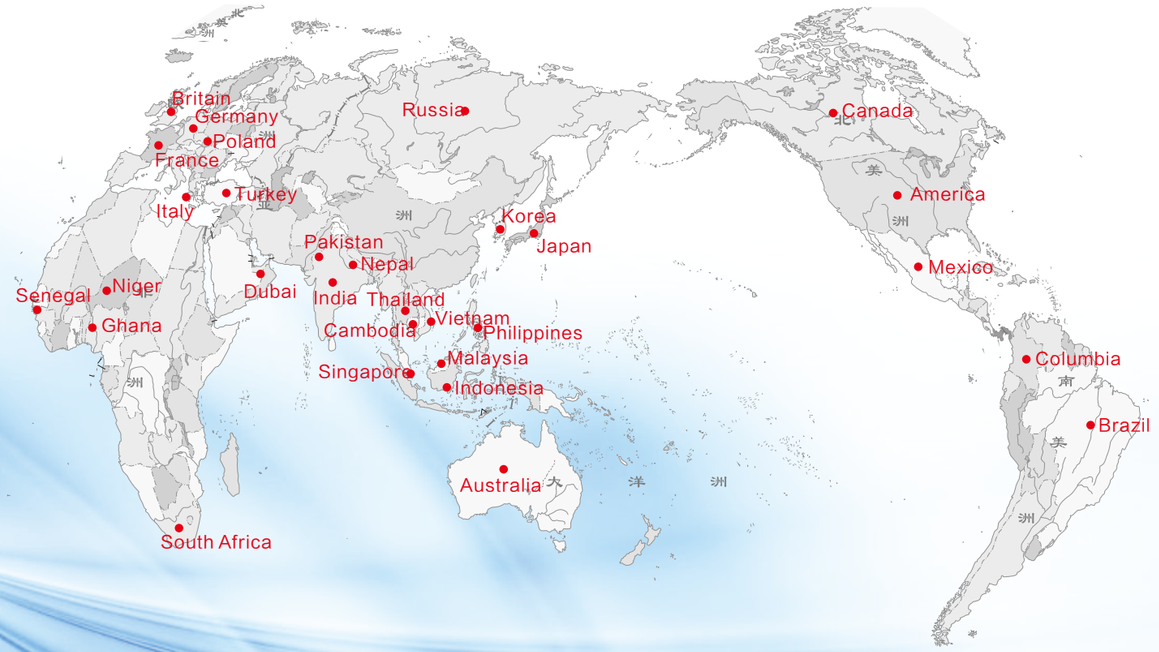


Specialized and Sophisticated Enterprises Certificate

Domestic Market



Oversea Market



JH Card

RFID Card Manufacturer Since 2004



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