Product Description of writable NFC tags for library management

1.Specification of writable NFC tags for library management
Chip Type: NXP Ntag213, Mifare S50, NXP Ultralight, NXP Ultralight C, Broadcom Topaz 512 etc.
Technology: NFC Type 2 and ISO 14443A protocol.
Frequency/Protocol: 13.56mhz/HF.
R/W: the writing endurance will 100000 times.
EPPROM: 64 bytes, 192 bytes, 144 bytes, 512 bytes, 1k bytes etc. Different chips of different EPPROM.
Reading distance: 3-10cm depend on reader power and using environment.

2.Profile
Material: PVC/PET/Paper.
Size: 25mm Dia, 35*35mm, 43*26mm, 50*50mm,86*54mm, or as requested.
Thickness: 0.2-0.5mm or 0.8-1mm, or customized.

3.Working Environment
Working life: 5-10 years and depend on using environment.
Store temperature: -25 ℃-50 ℃
Humidity: 20%-90%RH
Working temperature: -40 ℃-65 ℃

4.Artwork
serial number printing, barcode printing, logo printing, laser number printing, data encode etc.

5.Packing and Shipping way
Packing: In roll or in single pieces, upon clients' request.
Delevery date: 5-7 working days for 10K after order confirmation.
Shipping way: by express(DHL,FEDEX), by air, by sea.
Price term: EXW,FOB,CIF,CNF
Payment: pay by TT,western union,paypal,etc.
Monthly capacity: 6,000,000pcs/month.
Certificate: ISO9001-2008,SGS,ROHS,EN71.

Product Photo of writable NFC tags for library management

6.Application of NFC tag/NFC sticker/NFC label

NFC mobile payment, NFC electronic intelligence posters, Electronic ticket, production identification, NFC electronic sign in, Mobile name cards, library management, entrance access, or expense, and so on.

Extensive Experience with NFC

PN544
PN65N

Service Discovery

Public Transport
Mobile phone = transport card

Exchange information
Mobile phone = Face Book profile

Payment
Mobile phone = cash or debit card

Secure log-in
Mobile phone = security token

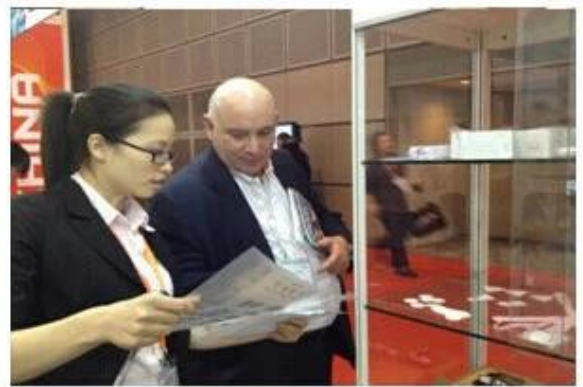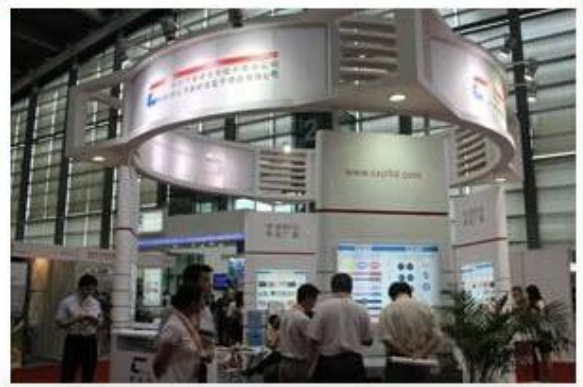Access Control
Mobile phone = key

Company Information

Shenzhen Chuang Xin Jia Smart Card Co.,Ltd. is a professional passive RFID tags/NFC tags manufacturer in China, which has over 15 years. Our main products include RFID tag/NFC tags, RFID/NFC card, RFID ID card, RFID wristband, NFC stickers, NFC readers, etc. Our big clients include Sony, Samsung, OPPO, British Telecom.

Exhibition Photo

What is NFC tag?

NFC (near field communication) is a wireless technology which allows for the transfer of data such as text or numbers between two NFC enabled devices. NFC tags, for example stickers or wristbands, contain small microchips with little aerials which can store a small amount of information for transfer to another NFC device, such as a mobile phone.

What information can you store on an NFC tag?

There's a whole set of different data types you can store on an NFC tag. The actual amount of data varies depending on the type of NFC tag used - different tags have different memory capacities. For example, you may choose to store a URL (web address) or a telephone number. A standard Ultralight nfc tag can store a URL of around 41 characters, whereas the newer NTAG203 nfc tag can store a URL of around 132 characters.

Usually, this information is stored in a specific data format (NDEF - NFC data exchange format) so that it can be reliably read by most devices and mobile phones.

Available NFC chips

	NXP Mifare Ultralight	NXP Mifare Ultralight C	NTAG213	Topaz512	Mifare 1k
NFC Type	Type 2	Type 2	Type 2	Type 2	Type 2
User memory	64 byte	192 byte	144 byte	512 byte	1k byte
URL Length	41 Characters	132 Characters	132 Characters	132 Characters	256 Characters
Text Length	39 Characters	130 Characters	130 Characters	130 Characters	709 Characters
Data Example	Short URL Phone Number Short email address Short Text	Short URL Phone Number Short email address Short Text	Long URL Phone Number Email address Text Small Vcard	Long URL Phone Number Email address Text Small Vcard	Full Vcard
Lockable	Yes	Yes	Yes	Yes	Technically No
Formatting	Blank or NDEF formatted	Blank or NDEF formatted	NDEF Formatted	Blank or NDEF formatted	Blank or NDEF formatted

If you want to know more information about our products, welcome to contact us in any time!