

## NFC ICODE SLI-X Card-spec sheet



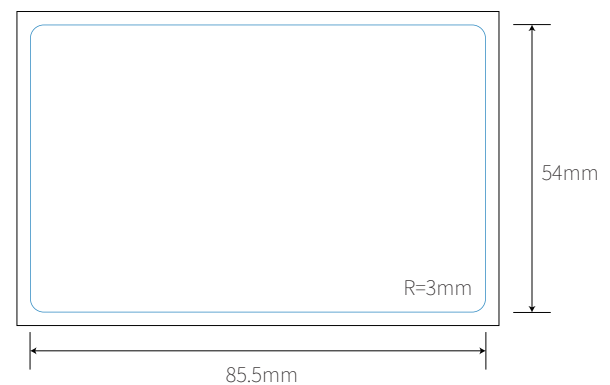
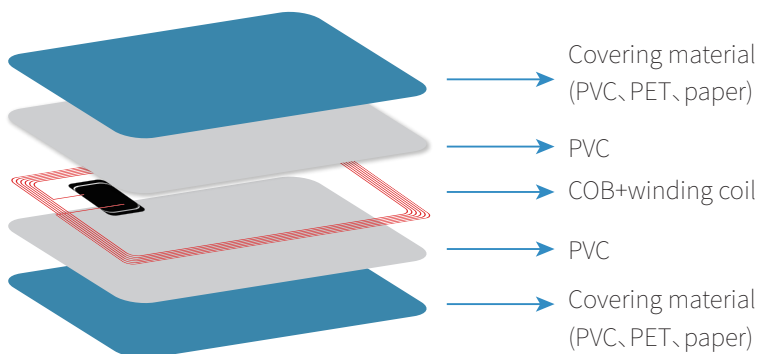
NFC ICODE SLIX card is an NFC smart card with the ICODE SLIX chip. This chip specializes in intelligent label applications and long-range applications. It works on 13.56 MHz and follows ISO/IEC 15693 and ISO/IEC 18000-3 standard.

It provides the possibility of operating labels simultaneously in the reader antenna. Owe to ICODE SLIX chip, this NFC card has good security performance and encryption performance. It is widely used in libraries, product authentication, production management, etc.

### Parameters

|           |                       |                  |                                     |                     |  |
|-----------|-----------------------|------------------|-------------------------------------|---------------------|--|
| Item      | ICODE SLI-X Chip Card | Color            | White, Black, pink, red, blue, etc. | Working Temperature | -20~+70°C  |
| Material  | PVC, PET, Paper       | Size             | CR80 (85.5*54mm) or Custom          | Data Retention Time | 10 years   |
| Chip      | ICODE SLI-X           | Memory           | 1024 bits                           | Crafts Available    | silkscreen logo/Laser serial number/UID print, etc |
| Frequency | 13.56 MHz             | Reading Distance | 0~1.5m                              | Surface             | Glossy/Matt/Frosted                                |
| Protocol  | ISO 15693             | Write Endurance  | 100,000 times                       | Type                | NFC  |

### Dimensional Diagram



### Feature

- ▶ Fast data transfer: up to 53kbit/s
- ▶ High data integrity: 16-bit CRC, framing
- ▶ Multi-function: access control, identification, payment, etc.
- ▶ Operating frequency: 13.56 MHz (ISM, world-wide license freely available)
- ▶ Operating distance: up to 1.5m (depending on antenna geometry)
- ▶ Contactless transmission of data and supply energy (no battery needed)
- ▶ True anticollision
- ▶ Additional fast anticollision read
- ▶ Write distances equal to read distance
- ▶ Password protected Electronic Article Surveillance (EAS)
- ▶ Password protected Application Family Identifier (AFI)

## Available chips

### HF 13.56 MHz Chips

| Chip Name             | Protocol  | Capacity  | Frequency |
|-----------------------|-----------|-----------|-----------|
| Ntag213               | ISO14443A | 180 byte  | 13.56 MHz |
| Ntag215               | ISO14443A | 540 byte  | 13.56 MHz |
| Ntag216               | ISO14443A | 924 byte  | 13.56 MHz |
| MIFARE Classic 1K     | ISO14443A | 1 KB      | 13.56 MHz |
| MIFARE Classic 4K     | ISO14443A | 4 KB      | 13.56 MHz |
| MIFARE Ultralight EV1 | ISO14443A | 80 byte   | 13.56 MHz |
| MIFARE Ultralight C   | ISO14443A | 192 byte  | 13.56 MHz |
| ICODE SLIX            | ISO15693  | 1024 bits | 13.56 MHz |

## APPLICATIONS

- Access control management
- Member management
- Payment tracking
- Pet/lost tracking
- Swimming pool
- Event ticketing
- Gaming and identity
- Hotel management
- Transportation card