

Solus Contactless Smart Card



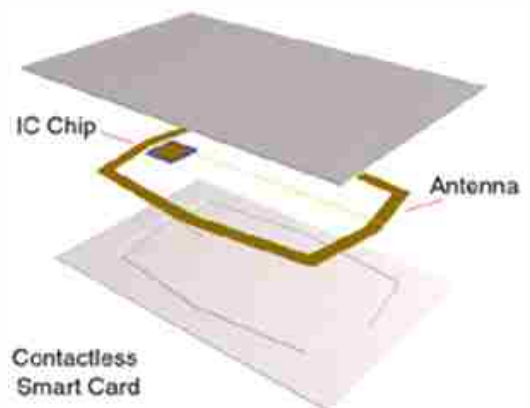
Solus Smart cards are based on contact less Mifare / Desfire Smart card Technology. It is passive card without any battery. Each card has 1Kbyte / 4 Kbyte / 8Kbyte memory divided in multiple sectors.

The cards contain an embedded antenna attached to the chip for reading and writing information in the chip's memory. Contactless cards need only be passed within range of a radio frequency acceptor to read and store information in the chip. The range of operation is typically from about 2" to 3" depending on the reader and electromagnetic environment.

Each card has unique Card Serial Number for verification. In addition to that, the card can store sector keys for higher security. The sector key size can be 32 bit or more.

Specification :

- Maximum Read Range: 5 – 10 cms
- Working Frequency: 13.56Mhz
- ISO Standard: ISO 14443A, ISO 7810
- Material: waterproof white PVC
- Memory Type: 1Kbyte / 4Kbyte / 8Kbyte EEPROM
- Dimension: 85.60 mm x 53.98 mm x 0.76 mm
- Operating temperature: -10 to 65 Degree C
- Data retention: 10 Years



Application :

- Access Control System
- Attendance Management System
- Cash less transaction for banking applications
- Automatic Fare Collection
- Library Management System

Ordering Information :

Part Code	Description
MFC 1K	Contactless Mifare Card with 1Kbyte memory
MFC 4K	Contactless Mifare Card with 4Kbyte memory
Desfire 4K	Contactless Desifire Card with 4Kbyte memory
CMB 1KP	Contactless Mifare Card with 1KB +125Khz
CMB 4KP	Contactless Mifare Card with 4KB +125Khz

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