



Feature:

The Non-Contact Mifare smart card consists of Mifare chip, inductive antenna, and then packaged in a standard PVC card without any exposed part of the chip and antenna circuit. Non-contact Mifare card read and write process, by the Mifare chip and the reader in a certain distance range (usually 1-5mm), through the transmission of radio waves to complete the chip data read and write operations.

Non-contact Mifare card is a passive body, its working principle is: When the reader is to read and write the card, the reader sends the signal consists of two parts superposition: part of the power signal, the signal from the card after receiving, resonate with its own L/C, producing a momentary energy to supply the chip to work. The other part is the combination of data signals, command chip to complete the data modification, storage, etc., and return to the reader to complete a read and write operations.

Specification:

IC chip: Philips Mifare 1 S50

storage capacity: 8Kbit, 16 partitions, each partition two sets of passwords

Operating frequency: 13.56 MHz

Communication speed: 106KBoud

Read and write distance: 1 ~ 5cm

Read and write time: 1 ~ 2ms

Working temperature: -20 °C ~ 85 °C

Erase life:> 100,000 times

Data storage:> 10 years

Dimensions: ISO standard card 85.6x54x0.80 / Thick card

Packaging materials: PVC, ABS, PET, PETG, 0.13mm Copper Wire, Printable

Packaging technology: ultrasonic automatic line / automatic welding

Implementation of standards: ISO 14443, ISO 10536

Typical applications: Hotel / Cooperation / Campus card / Bus / Highway tolls / Parking, Community management etc.

Available model:

S50NSB: Mifare card , Blank (White)

S50NSP: Mifare card , logo " Customized Printing"

S50NSS: Mifare card , logo "Save the Earth"