HF CARDS

RFID				
HF 13.56 MHz	High Grade PVC	Water Resistant	Scratch Proof	Low Cost

ID Tech offers globally popular Mifare cards operating at 13.56 MHz (HF) frequency. Compliant with ISO/IEC 14443/15693, these double-sided laminated contactless smart cards serve various purposes such as identification, access control, and loyalty programs. With different memory sizes, they guarantee high performance and a premium appearance with scratch-proof surfaces. Our customized printing includes logos, photos, text, and barcodes using high-quality printers.

KEY FEATURES

- A full-color process on one or both sides
- Thermal printing of text, name, PIN numbers or automated lists may be printed directly on each piece.
- Embossing with gold, silver or black tipping (other colors available for 5k or more).
- Signature and custom signature panels are available.
- Scratch -off overlay panels for special promotions and contests.
- Barcoding in multiple formats available.
- Multiple finishes like Matte, frosted or UV coated.
- Foil stamping in gold or silver for a brilliant attraction.
- Metallic colors in gold or silver for a sparkling look.

PHYSICAL PARAMETERS

Dimensions	86mm x 54mm
Encasement / Material	PVC, PET, PETG and PC Material
Weight	10 g
Surface Finish	Matte, Frosted or UV Coated
Color	Blank White, Peel-off layers / Poly Bag packing
Thickness	0.76 mm / 30 MIL, Variations Available
Card Lifespan	Up to 10 years
Package	200 Qty in 1 box
Weight	2 Kg per box

Printing	Yes available for both side
Lamination	Double side coated

RF PARAMETERS

Working Frequency	13.56 MHz
Working Mode	Read and Write
Reading Range	Up to 10 cm (with standard reader – ISO/IEC 14443 compliant chips)
	Up to 1 meter (with gate-reader – ISO/IEC 15693 compliant chips like ICODE SLIX)
Data Retention	Up to 50 Years

ENVIRONMENTAL SPECIFICATION

Operating Temperature	-25 to +50 degree Celsius
Storage Temperature	-30 to +70 degree Celsius

ORDER INFORMATION

Part No.	IDT.HFC.M1K
	IDT.HFC.M4K

APPLICATION AREA

Library Card   Hotel Key Card   Attendance Management   Parking Management   Access Control

RFID Chip Memory Sizes – HF (13.56 MHz)

Chip Type	Memory
*MIFARE Classic 1K	1 KB (1024 Bytes)
*MIFARE Classic 4K	4 KB (4096 Bytes)
MIFARE Ultralight	64 Bytes
MIFARE Ultralight C	192 Bytes
ICODE SLIX	1024 Bits (128 Bytes total)
MIFARE DESFire 2K	2 KB
MIFARE DESFire EV1	Configurable (2K/4K/8K)

* MIFARE Classic 1K/4K chips are readily available in stock. All other chip variants are available on order, subject to lead time and MOQ.