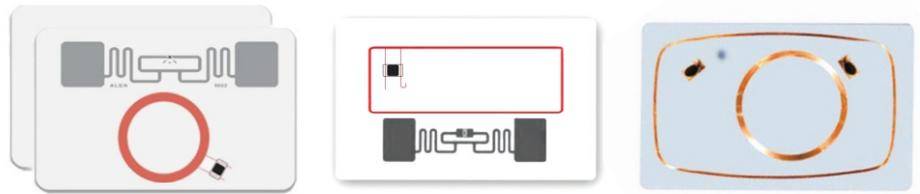


COMBI CARDS



RFID

High
Grade PVCWater
ResistantScratch
Proof

Low Cost

IDT Combi RFID cards, also known as combination RFID cards, offer the flexibility of multiple RFID technologies within a single card. These cards are designed to accommodate different frequencies, such as UHF and HF, allowing users to leverage the advantages of both technologies. Combi RFID cards are ideal for applications where a diverse range of functionalities is required, such as access control, payment systems, and asset tracking. With their ability to support multiple frequencies, these cards provide convenience and versatility while optimizing operational efficiency.

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.
- Hi-co or Loco magnetic stripe encoding on tracks 1, 2 or 3.
- 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 860 – 960 MHz (UHF), 125 KHz (LF), 13.56 MHz (HF/NFC)

Working Protocol EPC Class1 Gen2 ISO 18000 – 6C and ISO 14443A

Working Mode Reading Read and Write

Range Depends on chip and reader

Data Retention Up to 10 Years

Anti-Collision Yes

ENVIRONMENTAL SPECIFICATION

Operating Temperature -25 to +50 degree Celsius

Storage Temperature -30 to +70 degree Celsius

ORDER INFORMATION

Part No. HF + LF (IDT.DFC.01); HF + UHF (IDT.DFC.02); LF + UHF (IDT.DFC.03)

APPLICATION AREA



Transport



Education



Attendance
Management



Parking
Management



Access Control

RFID Chip Options for Combi Cards (LF / HF / UHF)

Frequency	Chip Type	Memory
LF (125 kHz)	EM4100 / TK4100	64-bit UID (Read-Only)
	EM4200	128-bit UID (Read-Only)
HF (13.56 MHz)	MIFARE Classic 1K	1 KB (1024 Bytes)
	MIFARE Classic 4K	4 KB (4096 Bytes)
	NTAG213/215/216	144/540/924Bytes
	ICODE SLIX	128 Bytes (ISO 15693)
UHF (860–960 MHz)	Alien Higgs-3	96-bit EPC + 512-bit User
	Impinj Monza R6	96-bit EPC
	NXP UCODE 8	128-bit EPC + 128-bit User

Note:

More chip options are available on order, subject to availability and MOQ. Custom combi card configurations can also be provided.



ID TECH SOLUTIONS PVT. LTD.

610, Udyog Vihar Phase-5, Gurgaon, Haryana - 122016, INDIA | T. : +91-124 - 4255530 (6 Lines)

E.: info@idsolutionsindia.com | W: www.idsolutionsindia.com



The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

©2025 ID Tech Solutions Pvt. Ltd. All Rights Reserved.