

UHF CARDS



UHF

High
Grade PVCWater
ResistantScratch
Proof

Low Cost

IDT UHF cards are long-range RFID cards that comply with the Global 865-928 MHz frequency standards and EPC Class1 Gen2 ISO 18000-6C protocol. The chip is embedded in 3 layers of PVC with 96/128 bits of EPC memory and 512 bits of user memory. They have a read range of 0-10 meters and are commonly used for attendance management, access control, automation, payments, and loyalty programs.

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 2 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	865-868MHz, 902-928 MHz
Working Protocol Working	EPC Class1 Gen2 ISO 18000 – 6C
Mode	Read and Write
Reading Range	Up to 10m
Data Retention	Up to 10 Years
Anti-Collision	Yes

ENVIRONMENTAL SPECIFICATION

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

ORDER INFORMATION

Part No.	IDT.UHFC.9662
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APPLICATION AREA



Transport



Education



Attendance Management



Parking Management



Access Control

RFID Chip Memory Sizes – UHF (860-960 MHz)

Chip Type	Memory
Alien Higgs-3	96-480 bit EPC + 512-bit User
Impinj Monza R6	96-bit EPC
NXP UCODE 8	128-bit EPC + 128-bit User

Note:
UHF 9662 cards with Alien Higgs-3 chip are readily available in stock. Other UHF chip options can be provided on order, subject to availability and MOQ.



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.

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