

# 860~960MHz UHF RFID Card

## Printing:

- Offset Printing
- Silk Screen Printing
- UV Printing

## Personalization:

- DOD Printing
- Thermal Printing
- Embossing
- Hologram
- Encoding

\* Customized Shape / Thickness upon request



HUAYUAN has extensive experience and a lot of know how in RFID card production over dozens of years supported by our high-tech R&D capabilities.

HUAYUAN delivers millions RFID cards every month into the global market, especially into the European and the USA market. Our experienced engineers and co-workers check every single card for quality and performance in every corner of the world. with its overlay on both sides, is smooth enough for additional printing.

## Our Advantage:

- Competitive price for fast delivery
- Plain surface for transfer printing
- Professional in RFID plastic lamination

## Standard Features:

- Size: 86x54x0.84mm
- Material: PVC, PET, ABS, PET, etc.
- Surface Option: Gloss, Matt
- Housing: Lamination
- Warranty: 1 Year
- Storage: -20°C ~ +70°C
- Operating Temperature: -15°C ~ +60°C
- MOQ: 1000pcs
- Chip Option: Higgs 3, Higgs 4, Monza 4D, Monza 4E, Monza 4i, Monza 4QT, Monza R6, Monza R6-P, UCODE 7, UCODE 8, UCODE 9, etc.

## Artwork Specifications:

CLEAN, BLACK AND WHITE LINE ART is required  
 CDR, PDF or AI files are required  
 Tones and screens need to be converted to solids  
 Broken lines, weak lines, or smeared art cannot be imprinted  
 Outline all fonts in the artwork files  
 File resolution must be over than 300DPI

PS:

No Logos / Artwork from a Website

We cannot use logos/artwork that are copied from a website as these images

are low resolution and will produce a jagged, pixilated imprint with poor quality

## Applications:

- Access
- Logistic (Pallet tracking)
- Identification

## Preferred File Formats

Format	Extension	Description	Note
CDR	CDR	CorelDRAW	Convert text to outlines
AI	AI	Adobe Illustrator	Convert text to outlines

HAU1 card

# UHF RFID On Body Card

HUA1 is a passive UHF RFID plastic card apply for people identity from 3-meter distance from read device with the card directly attached on body. With a creative self-design structure, it can keep a great performance endure inevitable RFID interference from human body, realized great omni-direction reading in distancing identification or access pass.



## Specification

1. Physical Characteristics	
Dimension	85.6 x 53.95mm
Thickness	0..9mm
Material	Paper/ PVC / PET /PET-G /ABS optional
Transponder Material	Aluminum antenna + Paper substrate
2. Electronic Characteristics	
Protocol	EPC Class 1 Gen 2/ISO 18000-6C
Manufacture / IC	IMPINJ Monza 4QT/4E
EPC / TID /User Memory	128bits/96bits/512bits
Operating Frequency	ETSI / FCC or customized frequency
Operating Mode	Passive
ESD Voltage Immunity	Max.2000V human being mode(HBM)
3. Environment & Package	
Operating Temperature	-15°C to +60°C
Storage Temperature	-20°C to +70°C
Package	200 pcs/ box, 4000pcs/ carton
4. Delivery Formats	
Variable Data program	EPC, access pass, User memory programming
Variable Data Printing	QR, Data matrix, Code printing
Quality	100% tested with out-of-tolerance inlay marked

