

## PVC ID Card Tag



### OVERVIEW

This is our PVC customized ID card Access card EPC C1G2 tag family. This family consists of tags specially tuned for the human body – either hanging from the neck, placement inside front pocket and pocket in pants, or in handbag.

With up to 5 meters read range (with a fixed reader), this ID card enables effective tracking and searching of human personnel.



### PVC ID CARD TAG COMMON APPLICATIONS

- Access control

## COMMUNICATION PROTOCOL AND MEMORY SPECIFICATIONS

Wireless communication protocol EPC gen2 18000-6C, ISO/IEC 15963 (UID Standard) Protocol Class 1 component used Monza 4 (D, E & QT).

IC NAME	MONZA 4D	MONZA 4E	MONZA 4QT
EPC MEMORY	128 bits	496 bits	128 bits
USER MEMORY	32 bits	128 bits	512 bits
SERIALIZED TID	32 bits	32 bits	32 bits
RESERVED MEMORY (password, kill)	64 bits	64 bits	64 bits
READ SENSIBILITY LIMIT	-18 dBm	-18 dBm	-18 dBm
WRITE SENSIBILITY LIMIT	-14,6 dBm	-14,6 dBm	-14,6 dBm

## TECHNICAL DATA

<b>Dimmensions</b>	86 x 54x 0.8mm
<b>Weight</b>	5.8 ±0.5g
<b>Material</b>	ABS covered with PVC
<b>Colour</b>	under request
<b>IC type</b>	Monza 4D (128 bits EPC + 32 bits User memory) and others
<b>Operating Temperature</b>	-10°C to +50°C
<b>Storage Temperature</b>	-10°C to +50°C
<b>Operating Frequency Band</b>	860 - 960 MHz
<b>Read Range</b>	Typical ≥ 5m with fixed reader
<b>Mode of Operation</b>	Passive, Backscattering Modulation

**CARE AND HANDLING:** RFID inlays are sensitive to ESD. Observe standard practices to keep environmental static charge to a minimum.

**APPLICATIONS:** This product should be tested by the customer/user thoroughly under end use conditions to ensure the product meets the particular requirements.

**PRODUCT CHANGES:** Trace-Tech Id Solutions reserves the right to modify, change, supplement or discontinue product offerings at any time without notice.