

# 125KHz TK4100 Proximity RFID Inkjet Blank Card-spec sheet



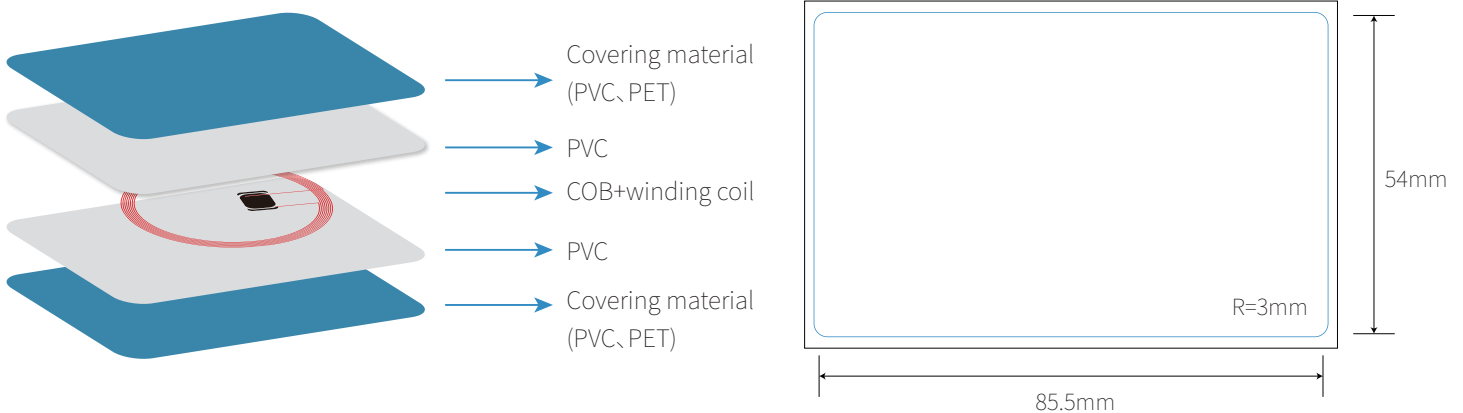
The applications of TK4100 Proximity RFID Inkjet Blank Card include access control and livestock tracking, identity, information, insurance, access control, banking, credit card, privilege etc.

Features of TK4100 Inkjet Card are reflected in their anti-destructive effects, durability, storage capacity, flexibility and its encryption.

## Parameters

Item	125KHz TK4100 Proximity RFID Inkjet ID Card	Color	Blue, Red, Black,Green, Pink etc or Customized	Working Temperature	-25°C to 65°C
Material	PVC with nano-coating	Size	CR80/85.5*54*0.84mm,customized irregular shape	Data Retention Time	10 years
Chip	TK4100	Crafts Available	Logo or number printing, Bar code, QR code, etc.	Printing Options	Silk-screen printing, Laser Engraving, CMYK full color, Pantone, etc.
Frequency	125 kHz	Reading Distance	0-10m	Eeprom	2K Byte/4K Byte/8K Byte
Protocol	ISO 14443A	Write Endurance	100000 times		

## Dimensional Diagram



## Available chips

### LF 125kHz Chips

Chip Name	Protocol	Capacity	Frequency
TK4100	ISO 11784/11785	64 bits	125 kHz
EM4200	ISO 11784/11785	128 bits	125 kHz
EM4305	ISO 11784/11785	512 bits	125 kHz
T5577	ISO 11784/11785	330 bits	125 kHz

## Features

- ▶ 64 bit memory array laser programmable
- ▶ On chip voltage limiter
- ▶ Full wave rectifier on chip
- ▶ Large modulation depth due to a low impedance modulation device
- ▶ Very small chip size convenient for implantation
- ▶ writable by pen, aiti-scratch
- ▶ On chip 480PF resonance capacitor
- ▶ On chip supply buffer capacitor
- ▶ Operating frequency 100-150kHz, typical frequency: 125kHz
- ▶ Low power consumption
- ▶ Double sided high resolution printing
- ▶ Use for Epson printer printing ID card or membership card

## Packaging and shipping



<b>Volume</b>	Chip Card: 200pcs cards with chips in one box, 2000/3000pcs per carton Common Card: 250pcs per box, 2500/3000pcs per carton Inkjet White Card: 230pcs per box, 3450pcs per carton
<b>Weight</b>	Chip Card: 6.5KG for 1000pcs Common Card: 6.0KG for 1000pcs
<b>Carton Size</b>	49*23*16CM (for 2000/2500pcs) 49*23*20CM (for 3000pcs) Special demands for packing available.
<b>Delivery Time</b>	Generally, 3 days for DHL/FedEx/UPS, 10 days for air shipping, 18 days for sea shipping.
<b>Shipping</b>	DHL/TNT/FEDEX /UPS ,By Air / Sea or as required