

# D100 Series

Desktop Issuer



## Overview

D100 Series desktop card issuer is a contactless smart card issuer developed based on ISO/IEC14443A/B, ISO/IEC15693 international standard protocol. This series of card issuers is based on USB drive-free design, supports 125KHz and 13.56MHz frequency bands, and supports different models such as ID card, IC card, and IC/ID combo.

This series of products has been widely used in personal authentication, network login, micro-payment, membership management and other scenarios. It has the characteristics of strong anti-interference ability, high integration, and USB communication.

## Models

Model	Code	Description
D100E	D124	ID read-only issuer , support EM4100、EM4102、EM4200 , ID thick card, ID thin card, ID key-chain card. Support configuring output formats.
D100M	D130	IC read-only issuer , Support read UID of MIFARE Classic Mini/EV1, MIFARE DESFire EV1/Light/EV2/EV3, MIFARE Plus S/X , MIFARE Ultralight/Ultralight C/Ultralight EV1, NTAG2xx ; Support read UID of CPU ; Support configuring output formats.
D100EM	D001	IC/ID 2-in-1 Read-Only Card Issuer , support EM4100、EM4102、EM4200 , ID thick card, ID thin card, ID key-chain card. Support read UID of MIFARE Classic Mini/EV1, MIFARE DESFire EV1/Light/EV2/EV3, MIFARE Plus S/X , MIFARE Ultralight/Ultralight C/Ultralight EV1, NTAG2xx ; Support read UID of CPU ; Support configuring output formats.

D100EMW	D242	IC/ID 2-in-1 Read-Only Card Issuer , support EM4100、EM4102、EM4200 , ID thick card, ID thin card, ID key-chain card. Support read UID of MIFARE Classic Mini/EV1, MIFARE DESFire EV1/Light/EV2/EV3, MIFARE Plus S/X , MIFARE Ultralight/Ultralight C/Ultralight EV1, NTAG2xx ; Support read UID of CPU ; Support read UID of the second-generation Chinese ID card; Support read and write MIFARE S50/S70 card sector content, modify sector key ; Support active and passive card reading mode switching, configurable active card reading output format.
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## Features

- ◇ USB powered, plug and play, drive-free ;
- ◇ Support ISO/IEC14443A standard protocol ;
- ◇ The output format of the card number can be set independently through the software ;
- ◇ Support Windows/Android/Linux multi-system.

## Specifications

Params.	Description
Protocol	ISO/IEC14443A
Working frequency	13.56MHz、125KHz
Working voltage	USB+5V
Working current	Less than 150mA
Standby current	Less than 150mA
Working temperature	-10℃~+60℃
Store temperature	-20℃~+70℃
Working humidity	15% ~ 90%
Sensing distance	Less than 30mm(depends on card types and environment)
Interface	USB
Size	110.5*81.5*25.5mm ( tolerance:±3mm)

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For more contact methods and product information, please visit our website : [www.zkradio.com](http://www.zkradio.com)

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