

RFID Card Read/write Device (ZCS-IC) Specification



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1.Introduction

ZCS-IC is a contactless smart card reader/writer base on the 13.56M Hz contactless (RFID) Technology. It supports Mifare and ISO 1443A standard.It is a plug-and-play USB device allowing interoperability with different devices and applications. The proximity operating distance is up to 10 cm, depending on the type of contactless tag in use.

This advanced Reader/Writer is widely used in applications including Access Control, Parking Systems, Prepaid Parking, Ticketing, Time and Attendance, Admission Control and POS.

2.Features

- The genuine USB HID MIFARE1 card reader,plug and play
- Stable performance, fast speed, low consumption, without external power supply,use stable computer USB power ,a lower failure rate.
- Support MIFARE ONE card,sensing distance from 0-50mm.
- Light, beautiful, trendy.
- The circuit board has a programmable control buzzer,can be set sound.
- Have a power indicator light and operating status of the USB communication signals
- Built-in one continuous change all 16 district or any district password,perform a change of 16 area password takes less than 200 milliseconds.
- Any call operation, return to information, all kinds of accidents are clear at a glance
- Provide a full range of dynamic library functions, provide a comprehensive description of the development, points, example, and source code.(includes c#2003,c++builder,Adelphi,Powerbuilder,VB.net2003,VB6.0,java)

3.Technical Specification

Model	ZCS-01、 ZCS-02	
Interface	USB Full Speed、 USB-OTG(Android 3.1 above)	
Supply Voltage	5V DC	
Supply Current	200mA(operating);50mA(standby);100mA(normal)	
Operating Frequency	13.56 MHz	
Smart Card Interface	ISO14443-A, Mifare	
Sensing Distance	0~50mm	
Operating Temperature	0-50°C	
Weight	170g(ZCS-IC01)、 130g(ZCS-IC02)	
Size	ZCS-IC01	12cm (L) X 10cm (W) X 3cm (H)

	ZCS-IC02	11cm(L) X 8cm(W) X 3cm(H)
Color	White(ZCS-IC01)	Black(ZCS-IC02)
Certifications	CE,FCC,ROHS	
Operating System	Win 98, Win ME, Win 2000, Win XP, Win Vista, Win 7, Win Server 2003, Win Server 2008, Linux, Mac	
Cards	ISO 14443A, Mifare One S50, Mifare One S70, Mifare One Mini, Mifare Ultra Light, Desfire, Mifare Plus, ISO1443-4(T=CL) TYPE A dual interface CPU card ISO14443 B 、 Sony felica card	

4.Product Pictures



ZCS-IC01



ZCS-IC02