

Magnetic Stripe/IC Card /Psam Card/ RFID Card Combo

ZCS160 Specification



1.Introduction

ZCS160 is a multi-functional card reader. It can read magnetic Stripe, RFID Card and IC card. Support PSAM card. Through the USB interface can connect with PC machine and related equipment. Magnetic card support two-way charge, according to different user requirements, magnetic card can read 1, 2, 3 track information, the most common reader. It is widely used in industry and commerce, telecommunications, taxation, banking, insurance, health care and a variety of charges, stored value, query management system.

2.Features

Various interface: USB

Read & write functions: Reading the full three-track magnetic card, support

bi-directional swipe, Optional magnetic rail 1,2,3

Read magnetic cards, IC card reader, proximity card function

Support the function of the PSAM card operation

Compatibility: 100% compatible MSR206 instruction set

For more information, please contact with the company

Standards: Accord with ISO, AAMVA DMV user-defined format

Data transfer: Two leds tip data transmission process

Green LED flashes to indicate credit card data being output,
after the completion of a three-track card full output Beeper

Card type: all kinds of memory CARDS and T = 0, T = 1 communication

protocol of CPU card

Support the multi-function PSAM card operation

Convenient&easy: Boot self-checking, without external power supply, plug & play,
don't need to install the driver

Support for Android tablet

Certification: EMV L1 ,PBOC 3.0 L1

Advantage

Supports Windows 98 / XP/WISTA/Windows 7 / doing system, to provide convenient
DLL secondary development.

Provide complete dynamic library functions, development, main points, call example
source code examples, and various development language (including: the vb6.0 by
use of vc + +, Java 6.0)

3.Technogical Specification

Magnetic card	
Selectable tracks	yes
Read card	1/2/3tracks
Swipe	Double direction
Head life	Approx 500,000 passes
Parity and LRC checking	Built-in, audible and LED good read and error indicator
Cards supported	ISO 7811,AMMVA,CADMV
RFID card	

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2nd

Operating Frequency	13.56 MHz
Smart Card Interface	ISO14443-A, Mifare
Sensing Distance	About 0-5cm
Programmable sound	ON or OFF
Cards supported	ISO14443A,MifareOneS50,MifareOneS70,MF3 DESFIRE, Ultralight、 ISO14443B 、 SONY felica
PSAM card	
Head life	Approx 200,000 passes
Communications	USB
Cards supported	ISO 7816-3
operating system	Win7, Win 2008 ,Vista, Win 2003, Win 2000, XP, Linux
IC Card	
Cards supported	AT24C01A/24C02/24C04/24C08/24C16/AT24C64 , SLE4432/4442, SLE4418/4428, ISSI 24C01A/16,ISO7816-(1-4) (T=1, T=0)
Communications	USB2.0、 USB-OTG (Android 3.1 above)
Swipe speed	3 ~ 60 inches per second
Maximum power consumption	100 mW
Temperature	Commercial-grade:-20° ~ 60 ° C Industrial-grade:-20° ~ 60 ° C
Humidity	90% non- condensing
Anti-static interference	15KV
Magnetic interference resistance	190ersted
Vibration resistance	Amplitude 0.35mm,Frequency 10-55Hz,Three axis directions sweep vibration
Insulation Resistance	Hot and humid circumstances(40 ° , 95%)Insulation resistance should not be less than 5MΩ
Dimensions	160mm(L) × 45mm(W) × 45mm(H)
Weight	180g