

# Magnetic Stripe and IC Card Combo Reader

## (M/N:CR003IC)

### 1.Introduction

CR003IC is a programmable magnetic card, IC card of multi-function, reading . The user can according to actual needs, by programming or configuration data formats and intelligent interface.

It is widely used in industry, commerce, telecommunications, taxation, banking, insurance, medical and all kinds of charges, storage, query management system.

### 2.Features

- l Convenient: boot self-checking, no additional power supply, plug and play
- l Card type: can read and write all kinds of memory card and support T = 0, T = 1 protocol CPU card
- l Communication interface: via USB and computer communication, support the Android platform

### 3.Technical Specification

|                                |  |
|--------------------------------|--|
| <b>Communications</b>          | USB or RS232   |
| <b>Temperature</b>             | -20°~ 60 °C(storage)<br>0°~ 50 °C(operation)   |
| <b>Humidity</b>                | 15%~85%  |
| <b>Dimensions</b>              | 116mm(L) x36mm(W) x 38.4mm(H)  |
| <b>IC card</b>                 |  |
| <b>Operating Life</b>          | > 200,000 times  |
| <b>Card thickness</b>          | About 0.75mm   |
| <b>Insert IC card Current</b>  | 20mA   |
| <b>Operate IC card</b>         | 50mA   |
| <b>Working current</b>         | 25mA   |
| <b>Card type</b>               | AT24C01A/24C02/24C04/24C08/24C16/AT24C64,SLE4432/4442,SLE4418/4428,ISSI 24C01A/16,ISO7816-(1-4) (T=1, T=0) |
| <b>Magnetic Stripe</b>         |  |
| <b>Card type</b>               | ISO 7811,AMMVA,CADMV and other format  |
| <b>Swipe speed</b>             | 3 ~ 60 inches / second   |
| <b>Operating Life</b>          | >600,000   |
| <b>Track position</b>          | All 3- track   |
| <b>Card thickness</b>          | 0.76~1.2mm   |
| <b>Working current</b>         | 7mA  |
| <b>RFID(Optional Function)</b> |  |
| <b>Card type</b>               | 13.56MHz ISO/IEC14443A/B   |
| <b>Operating Life</b>          | >600,000   |
| <b>Sensing distance</b>        | 1-4cm  |



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