

## Multifunctional Reader

### Overview

The SUZCR-18771 is a high performance USB 2.0 compliant card-reader with fingerprint that supports SD/MMC cards, MS/MSPRO cards and Smart Card/SIM cards. SUZCR-18771 integrates USB 2.0 transceiver, MCU, DC-DC regulators and SD card access unit into a single chip. The supported SD/MMC series memory cards are Secure Digital TM (SD), Multi-Media Card TM (MMC), Micro SD, SDHC, Mini SD, RS-MMC, Mobile-MMC and MMC-Micro. The supported MS/MSPRO series memory cards are Memory Stick TM (MS), Memory Stick Pro TM (MS-Pro) and M2.

Smart Card Reader will be a must to the personal computers and Notebooks in the near future. The SUZCR-18771 is an innovation that integrates the traditional flash memory card reader with smart card reader into one USB device. This integration can support the end user to access memory cards and smart card at the same time, which brings the end users great facility and reduces the BOM cost greatly.

SIM Card Reader with SIM editor AP can easily help users to backup/restore the phonebook of SIM Card to/from the PC. This integration can support users to access Micro SD and SIM at the same time.

The SUZCR-18771 integrates 5V-to-3.3V, 5V-to-3V and 3.3V-to-1.8V regulators, MOSFET switches, and could dramatically reduce the system BOM cost.



### Features

- Compliant with USB 2.0 Full-Speed and High-Speed transfer mode
- 18 all in one card reader
- USB 2.0 SD/MMC/MS/MSPRO&Smart Card/SIM Card/CF Reader
- Easy to operate protocol
- Windows Plug & Play
- Microsoft PC/SC certified support PC/SC 1.1
- Ergonomic and cost efficient design
- Customization options: Casing color and logo

## SUZCR-18771

### Specification

|                             |   |
|-----------------------------|---|
| <b>Interface</b>            | USB 2.0 high speed  |
| <b>Dimension</b>            | 25mm (W) x 13mm (H) x 80mm (D)  |
| <b>Card Reader</b>          | <ul style="list-style-type: none"> <li>• CF/MD/MS/MSPRO/MS-DUO/MS-PRO-DUO</li> <li>• MS-MG/MS-PRO-MG/MS-ROM/SD/MMC/MMCII</li> <li>• Mini-SD/RS-MMC/T-Flash/SM/X Card/Smart Card</li> <li>• Min. 200,000 cycles, Max. 1,000,000</li> <li>• 9600~115,200 bps</li> </ul> |
| <b>Card Standard</b>        | ISO 7816-1,2,3,4  |
| <b>Operation System</b>     | Windows 98SE/ME/2000/XP/CE, Linux 2.4, Mac  |
| <b>Protocol</b>             | T=0 or T=1 Asynchronous   |
| <b>Power</b>                | DC +5V Built-in 3.3v regulator for single 5V operation  |
| <b>Operation Conditions</b> | <ul style="list-style-type: none"> <li>• Operation temperature: 0~48°C</li> <li>• Operation humidity:20~95%</li> <li>• Storage temperature:0~85°C</li> </ul>  |
| <b>Approvals</b>            | <ul style="list-style-type: none"> <li>• ISO 7816-1/2/3, PC/SC</li> <li>• CE, FCC, UL, RoHS</li> </ul>  |



Taiwan Headquarters  
SUNZone TEK Co., Ltd  
1F, NO.17, Lane 220  
Zhongxing Rd, Sec.3  
Xindian City, Taipei, Taiwan  
Email:jam888@ms67.hinet.net  
Tel:+886 2 2911 3911  
Fax:+886 2 2917 7990

China Headquarters  
9F, Construction Building  
No.123 Yanling Road, Tianhe  
Guangzhou, Guangdong, China  
Email:rfreader@126.com  
Tel:+86 1330 2215 330

**SUNZone TEK**  
www.sunzone.com.tw