

## USB Smart Card Reader

### Overview

The SUZCR920X-CHTL Smart Card Reader, with USB Full Speed, is compliant to ISO 7816 and EMV Level 1. It supports all ISO 7816 smart cards, including all microprocessor cards with T=0, T=1 protocols. This type of Smart Card Reader also has an optional built-in Security Access Module (SAM) slot that supports various high security applications. Other customizations are available such as casing designs, logo and module form etc



### SUZCR920x-CHTL

*EMVCo, USB, CCID Compliance*

### Specification

<b>Interface</b>	<ul style="list-style-type: none"> <li>• Full speed USB 2.0</li> <li>• USB Bus powered device</li> <li>• CCID compliant</li> <li>• Rs232 Optional</li> </ul>
<b>Human</b>	One dual state green LED
<b>Smart Card</b>	<ul style="list-style-type: none"> <li>• Comply with all ISO 7816 smart cards</li> <li>• T = 0 and T = 1 Asynchronous ,Windows Plug &amp; Play</li> <li>• Communication speed up to 115,200bps</li> <li>• 200,000 insertions</li> <li>• Sliding contact</li> </ul>
<b>Power</b>	DC + 5V Built-in 3.3v regulator for single 5v operation
<b>Power Consumption</b>	<ul style="list-style-type: none"> <li>• Power on 100mA max</li> <li>• IC Card Read / Writing : 150mA Max</li> <li>• IC Contact Resistance : 0.5 Ohm max between two line</li> </ul>
<b>Operating Systems</b>	<ul style="list-style-type: none"> <li>• Windows 95, 98, ME, NT, 2000, 2003, XP</li> <li>• Windows Vista 32 &amp; Vista 64</li> <li>• Windows CE 3.0, 4.1, 4.2, 5.0, 6.0</li> <li>• Linux</li> </ul>
<b>Operating 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>Dimension</b>	85 mm x 20mm x 65mm (W x H x D)
<b>Weight</b>	100g
<b>Approvals</b>	<ul style="list-style-type: none"> <li>• CE, FCC, RoHS, CNS D339753438</li> </ul>

### Features

- ISO 7816 compliant
- Microsoft PC/SC certificated, CCID
- Windows Plug & Play
- Ergonomic and cost efficient design
- EMV Level 1 certified
- USB smart card reader with full speed
- Compliant with major smart cards and relevant industry standards
- Complies with all ISO 7816 smart cards with T=0, T=1 protocols
- Supports Plug & Play and easy to install
- RoHS compliant, CE, FCC, Microsoft WHQ

### Application

- Electronic Commerce
- Home Banking and Home Shopping
- Access Control System
- Pre-paid card system
- Transportation related systems
- Gaming industry



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