

R301-Sim

CCID Sim Card Reader

- *USB 2.0 Full Speed Device*
- *Supports ISO-7816-1/2/3/4 T=0 and T=1 Protocol*
- *Supports ISO-7816 Class A, B and C Cards*
- *Compliant with PC/SC, CCID Standards - Plug&Play*
- *Reader ID is configurable*
- *Firmware supports upgrading in encryption*
- *Short circuit & overcurrent protection*
- *Compliant with EMV Level 1*
- *Microsoft WHQL certified*
- *Support All Windows platforms, Linux, Mac OS X, Solaris*
- *ICP-Brasil Certified*



About Feitian

Founded in 1998, Feitian Technologies has been dedicated into the leading provider of strong authentication and digital security solution. The company consistently ranks as the top security supplier in China and its expertise spans online identity to payment transaction to mobility security, enabling secure and trust digital services anytime and anywhere. Globally, Feitian has over 1000 employees and more than half of which are focusing on Research and Development. Feitian's international business served customers in over 150 countries.

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Introduction

Rockey 301 (R301) is a CCID compliant smart card reader with USB 2.0 full speed support. It offers a plug-and-play solution saving the effort on driver installation and system compliance checking. Moreover, FEITIAN R301 is a terminal unit which is seamlessly integrated to all major systems of operation. Additional features such as the build-in infusive support for different smart card interfaces has facilitated the wide scale and cross industry adoption of R301.

FEITIAN R301 also is compliant with ISO 7816 and EMV Level 1 specifications.

FEITIAN R301 is widely used in industries or application requiring electronic payment and authentication, especially suitable for the high security fields. It is an optimal solution for authentication, e-commerce, financial organizations, access control, e-Banking-Government and more.

Key Applications

e-Government
e-Passport
e-Banking

e-Healthcare
e-Payment
Network Access Control

PKI Applications

Digital Signature

Identification

Specifications

<i>Interface</i>	USB 2.0 Full Speed
<i>Supply Voltage</i>	USB interface 3 ~ 5V DC
<i>Supply Current</i>	< 50mA
<i>Operating temperature</i>	0°C ~ 60°C
<i>Operating Humidity</i>	0 ~ 90%RH non-condensing
<i>Storage Humidity</i>	0 ~ 90%RH non-condensing
<i>Durability</i>	100,000 insertions
<i>Meantime Between Failure (MTBF)</i>	500,000 hours
<i>Dimension</i>	56 × 21 × 7.5 mm
<i>Weight</i>	11g
<i>Material</i>	Metal + ABS + PC
<i>Standards & Certifications</i>	ISO-7816 Microsoft WHQL PC / SC, CCID EN 60950 / IEC 60950 CE, FCC RoHS ICP-Brasil
<i>Supported Contact Cards</i>	ISO-7816, T = 0 and T = 1 ISO-7816, Class A, B and C Support Auto PPS protocol Clock Frequency: 4 ~ 12 MHz Data transfer speed: Baud rate is 10.753 ~ 500 Kbps
<i>Supported OS</i>	Windows 2000 / XP / Server 2003 / Vista / Server 2008 / Server 2008 R2 / 7 / Server 2012 / Server 2012 R2 / 8 / 8.1 / 10 Linux Mac OS X Solaris Android 4.0+ (OTG)



Feitian Technologies Co., Ltd.
www.ftsafe.com Stock Symbol: 300386.SZ

Tel. : +86-10-6230-4466
Fax : +86-10-6230-4477
Email : world.sales@ftsafe.com