

R301

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
- Short circuit &
overcurrent protection
- Firmware supports
upgrading in encryption
- Compliant with EMV Level 1
- Microsoft WHQL certified
- Support All Windows platforms, Linux,
Mac OS X, Solaris
- ICP-Brasil Certified



About Feitian

FEITIAN is a trusted leader in the global market for multi-factor Authentication, personal identity, rights management, smart card and mobile smart card reader technology. Established in 1998, FEITIAN has developed as an essential component in the information architecture of private and public enterprise, government, and educational institutions throughout the world. FEITIAN is now known to worldwide countries as a name that stands for confidence, quality and performance. The fountainhead of FEITIAN is firmly rooted in a research and development department comprised of forward thinking experts accounting for more than half of FEITIAN's distinguished multi-national team.

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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-Healthcare
e-Passport	e-Payment
e-Banking	Network Access Control

PKI Applications

Digital Signature	Identification
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Specification

Interface	USB 2.0 Full Speed
Supply Voltage	USB interface 3 ~ 5V DC
Supply Current	< 50mA
Operating temperature	0°C ~ 60°C
Operating Humidity	0 ~ 90%RH non-condensing
Storage Humidity	0 ~ 90%RH non-condensing
Durability	30,000 insertions
Meantime Between Failure (MTBF)	500,000 hours
Dimension	56 × 21 × 7.5 mm
Weight	11g
Material	Metal + ABS + PC
Standards & Certifications	ISO-7816 Microsoft WHQL PC / SC, CCID EN 60950 / IEC 60950 CE, FCC RoHS ICP-Brasil
Supported Contact Cards	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
Supported OS	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)

