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

FEITIAN
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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

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)

ISO9001
ISO14001
UKAS QUALITY MANAGEMENT

CE FC RoHS Windows Mac Linux ICP Brasil