

**FEITIAN**

# Feitian Smart Card Reader

*Product Brochure*





# FOR ALL YOU NEED

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# STANDARD USB SMART CARD READER

## R200

R200 is high performance advanced PC/SC USB interface smart card reader. R200 complies with ISO 7816 -1/2/3 and supports all ISO 7816 based smart cards with t=0 and t=1 protocols.

The USB full speed connection made R200 ideal to be applied in smart card applications where high speed and ease of operation are essential for smart card logon, VPN, PKI or any other smart card operations in fields of payments, authentication and identification, telecommunication, and advanced access control systems.



### Features and Specifications

- + Smart Card Support: ISO 7816-1/2/3 T=0 and T=1 Protocol, EMV2000 (Optional )
- + Card Operating Interface: Standard PC/CS and API Functions
- + Card Operating Voltage: ISO 7816 Class A 5V
- + Host Interface: USB Full Speed, 5V-DC 50mA with Short Circuit Protection
- + Card Operating Frequency: 3MHZ
- + Operating System Support: Windows 2000/XP/Server 2003/Vista, Linux



The Chip Card Interface Device (CCID) specification is an approach to smart card reader communication that is gaining in popularity. The specification defines a standard communication protocol for smart card readers that connect to a computer via USB, allowing the same host-side driver to communicate with any CCID-compliant smart card reader.

Microsoft provides a CCID driver through the Windows Update system.

The 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.

## Features and Specifications

- + USB 2.0 Full Speed
- + CCIDv1.1 Smart Card Reader
- + Support ISO7816 Part 1-3 T=0 And T=1 Protocol
- + Support ISO7816 Class A, B (5v, 3v) Smart Cards
- + Support Protocol & Parameter Select (PPS)
- + Short Circuit Protection
- + EMV Compatible, PC/SC, IEC/EN 60950, RoHS, FCC, CE
- + Support Windows 2000SP2/XP/Server2003/Vista, Linux 2.6+

## R400

The R400 is a driverless HID smart card reader with slim and fashionable casing and easy-to-operate landing acceptor. Its driver-free feature benefits end users with worry-free bonus to help avoid common troubles caused by device driver problem.

R400 supports all smart cards with T=0 and T=1 protocol conforming to ISO 7816 -1/2/3. Being the interface device at forefront of the integrated system, R400 is one of the most ideal solutions for integrating smart card access into real applications such as telecommunications, online banking and gaming, health, electronic payment, identification in both physical and network access control, with high secure and reliable assurance.



### Features and Specifications

- + Smart Card Support: ISO 7816-1/2/3 T=0 And T=1 Protocol, EMV2000 (Optional )
- + Card Operating Interface: Driverless and Standard PC/CS Compatible
- + Card Operating Voltage: ISO 7816 Class A 5V
- + Host Interface: USB Full Speed, HID Device Function with dll Support
- + Card Operating Frequency: 3MHZ
- + Operating System Support: Windows 2000/XP/Server 2003/Vista, Linux

## CONTACT & CONTACTLESS

# R501



By having both contact and contactless interface support, R501 is the best solution where applications concern much on dual-interface smart card access control.

R501 is also applicable to be embedded in large-scale system integration, it is quite easy to make further development based on the provision of common APIs and function libraries.

SAM slots are also provided with R501 for special security requirement.

## Features and Specifications

- + USB 2.0 Full Speed Support ISO14443, ISO7816,GSM11.11 Smart Card Standard
- + API and Function Library Available
- + Support Windows 98SE/ME/2000/Xp/Server 2003/Vista, Linux

For Contactless Smart Card:

- SUPPORTS ISO 14443 TYPE A AND TYPE B, MIFARE CARDS
- SUPPORTS OPERATING DISTANCE IN 50-100 MM (DIFFERS BY CARD AND APPLICATION ENVIRONMENT)
- BUILT-IN ANTENNA AND HIGH SPEED COMMUNICATION

For Contact Smart Card:

- SUPPORTS ISO 7816 PART 1-3 T=0 AND T=1 PROTOCOL
- SUPPORTS ISO7816 CLASS A, CLASS B AND CLASS AB
- SUPPORTS PPS IN SMART CARD READ/WRITE WITH 1,743,344,086 BPS
- BUILT-IN STANDARD CARD SLOT AND THREE GSM11.11 SAM SLOTS

## R601



The cost of smart card reader is somewhat an obstruction while considering smart card projects. Hopefully, with the implementation of ISO7816-12, USB interfaced smart card are becoming popular and available from more and more major smart card chip providers.

R601 USB Smart Card Connector helps to connect USB interfaced smart card to any PC with USB port with transparent data communication, it is 100% driver Free and help to save your money for sure.

### Features and Specifications

- + Standard USB Connection
- + Support Iso7816-12 Interfaced Smart Cards
- + Transparent Data Communication
- + Slim And Wallet-sized
- + Good For All USB-supported PC And Operating Systems (\*)

*\* depends on the features of the smart card that works with*

## About Feitian

Established in 1998, Feitian is dedicated of being the leading innovator of smart card and chip operating system based security technologies and applications. Combined with the latest technologies Feitian has designed and developed multi-type Smart Card and Smart Card Reader with best-of-breed applications, implementing into fields ranging from card payment, strong authentication, telecommunication, electronic identification and more.

Feitian cooperates closely with global leading smart card chip providers, serves valuable customers with the world's latest technologies via it expanding sales and services network internationally.

Feitian Technologies Co., Ltd  
[www.FTsafe.com](http://www.FTsafe.com)