

R301

CCID Smartcard Reader

- Support USB 2.0 interface
- Build in short-circuited/over-voltage protection
- Read/Write all CLASS A, CLASS B and CLASS C smart cards which are compliant with ISO 7816-1/2/3 T=0 and T=1
- Data transfer speed: For T=0 and T=1, Baud rate is 13.440k ~ 625K (The result is got when the frequency of IC card is 5MHz-12MHz)
- UID (User ID) management
- Compliant with EMV Level 1
- Firmware supports upgrading in encryption
- Firmware encryption mechanism, cannot be read out - Anti-reverse analysis
- Provide 255 bytes' flash memory for private data
- MTBF - more than 500,000h
- Compiled standard CCID specification, driverless for Windows, Linux, macOS, UNIX



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

FEITIAN Reader 301 is specially engineered to accommodate a range of smart card applications. Developers use it as a platform to generate and deploy related products and services. Moreover, FEITIAN Reader 301 is a terminal unit which is seamlessly integrated to all major systems of operation. Additional features such as the built-in inclusive support for different smart card interfaces has facilitated the wide scale and cross industry adoption of Reader 301.

Reader 301 suits customers where security concerns are the most salient and satisfies the demand for a flexible solution for ID authentication, e-commerce, e-payment, information security and access control.

Reader 301 and the rest of FEITIAN's line of smart card readers offer each customer a complete solution for all manner of utilizations.

Key Applications

e-Government
e-Passport
e-Banking

e-Healthcare
e-Payment
Network Access Control

PKI Applications

Digital Signature

Identification



ISO9001
ISO14001



Spec.

<i>Interface type</i>	USB 2.0 interface (12Mbps)
<i>Power supply</i>	USB port 3 ~ 5V DC
<i>Working current</i>	≤ 12 mA without card plugged < 50 mA with card plugged
<i>Card clock frequency</i>	5MHz ~ 12MHz
<i>Card Slot</i>	ISO7816-3 standard slot >300,000 times plug/unplug
<i>CPU card</i>	ISO/IEC7816, T=0 and T=1 protocol, Class A, B, C cards Data transfer speed: 13440 ~ 625kbps Power supply: 1.8V, 3V and 5V Frequency of Card: 5 ~ 12(MHz)
<i>Connector Cable</i>	59.1" (150cm)
<i>Meantime Between Failure (MTBF)</i>	500,000 hours
<i>Warranty</i>	Five-year warranty
<i>Size</i>	120 × 80 × 76(mm)
<i>Material</i>	ABS+PC+Metal
<i>Status Indicator</i>	Blue and Red LED
<i>Weight</i>	282g
<i>Color</i>	Black / Grey
<i>Working temperature</i>	0°C ~ 60 °C
<i>Storage temperature</i>	-20°C ~ 85°C
<i>Humidity</i>	≤90% (non-condensed)
<i>LOGO</i>	Customizable
<i>Firmware</i>	OEM firmware
<i>Hardware Security</i>	Support Card short circuit protection Build in short-circuited / over-voltage protection
<i>Supported OS</i>	Windows 2000 / XP / Server 2003 / Vista / Server 2008 / Server 2008 R2 / Server 2012 / Server 2012 R2 / 7 / 8 / 8.1 / 10, Linux, macOS, Solaris, Android 4.0+ (OTG)
<i>Certification</i>	ISO9001 / ISO14001 / CE / FCC / RoHS / EMV Level 1 / ICP-Brasil / Microsoft WHQL, EN60950 / IEC60950

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