

- USB 2.0 interface
- Built-in short circuit / overvoltage protection
- Read /Write CLASS A, B and C smart cards which 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 (5MHz-12MHz IC card frequency)
- UID (User ID) management
- Firmware encryption mechanism, anti-reverse analysis
- 255 bytes of flash memory for private data
- MTBF - more than 500,000h
- Compliant with CCID standard, driverless for Windows, Linux, macOS, UNIX
- Compliant with EMV Level 1



R301-C41

CCID Smartcard Reader

Introduction

FEITIAN R301-C41 Smart Card Reader 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 R301-C41 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 R301-C41.

R301-C41 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.

R301-C41 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-Healthcare
- e-Passport
- e-Payment
- e-Banking
- Network Access Control

PKI Applications

- Digital Signature
- Identification



Specification

Interface type	USB 2.0 interface (12Mbps)
Power supply	USB port 3 ~ 5V DC
Working current	≤ 12 mA without card plugged < 50 mA with card plugged
Card clock frequency	5MHz ~ 12MHz
Card Slot	ISO7816-3 standard slot >300,000 times plug/unplug
CPU card	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)
Connector Cable	59.1" (150cm)
Meantime Between Failure (MTBF)	500,000 hours
Warranty	Five-year warranty
Size	120 × 80 × 76 mm
Material	ABS+PC+Metal
Status Indicator	Blue and Red LED
Weight	282g
Color	Black / Grey
Working temperature	0°C ~ 60 °C
Storage temperature	-20°C ~ 85°C
Humidity	≤90% (non-condensed)
LOGO	Customizable
Firmware	OEM firmware
Hardware Security	Support Card short circuit protection Build in short-circuited / over-voltage protection
Supported OS	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)
Certification	ISO9001 / ISO14001 / CE / FCC / RoHS / EMV Level 1 / ICP-Brasil / Microsoft WHQL, EN60950 / IEC60950