- 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

- PC/SC Compliant

FEITIAN

R301-C11

CCID Smartcard Reader

FEITIAN
WE BUILD SECURITY

Introduction

FEITIAN R301-C11 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-C11 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-C11.

R301-C11 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-C11 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

FEITIAN Technologies Co., Ltd.

www.ftsafe.com   world.sales@ftsafe.com

Specification

Interface type	USB 2.0 interface (12Mbps)
Connector type	Landing / Friction contact (as demand)
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	67 × 57.5 × 12.5 mm
Material	ABS+PC
Status Indicator	Blue and Red LED
Weight	46g
Color	Black
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

FEITIAN
WE BUILD SECURITY

FTCIxxx