

R301 C11

CCID SMARTCARD READER










- ▶ Support USB 2.0 interface
- ▶ Short-circuit/Over-voltage protection
- ▶ Supports ISO7816 Class A/B/C, T=0 & T=1
- ▶ Data speed: up to 625 Kbps
- ▶ UID (User ID) management
- ▶ Encrypted firmware, anti-reverse analysis
- ▶ Provide 255 bytes' flash memory for private data
- ▶ MTBF - more than 500,000h
- ▶ Driverless (Windows, Linux, macOS, UNIX)
- ▶ PC/SC Compliant

- 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, CHECKID 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 CHECKID'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-Tax
- e-Healthcare
- e-Payment
- Network Access Control

Use Cases

-  Secure Authentication
-  Identification
-  Virtual Private Network
-  HD Encryption
-  Document Signing
-  Smart Card Logon
-  Email Encryption

Specifications

Product Name	R301 (USB Type-A)/R301-C (USB Type-C)
Casing No.	C11
Interface	USB 2.0 Type A or Type C interface (12Mbps)
Power Supply	USB port 3 ~ 5V DC
Working Current	≤ 12mA without card plugged < 50mA 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: 5MHz ~ 12MHz Card size: ID1xxxxx
Connector Cable	150cm (59.1")
Meantime Between	500,000 hours
Warranty	Up to 2 years
Size	67 × 57.5 × 12.5 mm
Material	ABS+PC
Status Indicator	Blue and Red LED
Weight	46g
Working Temperature	0°C ~ 60 °C
Storage Temperature	-20°C ~ 85°C
Humidity	≤90% (non-condensed)
Firmware	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 5.0+ (OTG)
Certification	ISO9001/ISO14001/CE/FCC/RoHS/EMV Level 1/ ICP-Brasil/Microsoft WHQL, EN60950/ EC60950, WEEE, REACH