R502CL
Contactless Reader

FEITIAN Reader R502 CL is a contactless smart card reader developed by Feitian Technologies. It is based on CCID Driver. It supports contactless cards compliant with ISO 14443 and contactless cards following Mifare standard. Developers use it as a platform to generate and deploy related products and services. Moreover, FEITIAN Reader R502 CL 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 502 CL.

R502 CL is a terminal interface device for smart card applications and system integrations. It can be widely used in industries or applications requiring electronic payment and authentication, especially suitable for the high security fields. It is an optimal solution for authentication, e-commerce, financial organizations, access control etc.

Key Features

- USB 2.0 Full Speed Device
- Build-in antenna
- Reader ID is configurable
- Compliant with EMV Level 1
- Compliant with PC/SC, CCID Standards
- Support Windows 2000+/Linux/Mac OS X
- Firmware supports upgrading in encryption
- Support Mifare classic and Mifare Ultrglight C
- Supports contactless smart cards compliant with ISO 14443 type A and B
- Contactless function can be turned off in specific environment

Key Applications

- e-Government
- e-Healthcare
- e-Passport
- e-Payment
- e-Banking
- Network Access Control
- PKI Applications
- Digital Signature, Identification

Interface	USB 2.0 Full Speed
Supply Voltage	5V DC
Supply Current	<100mA
Operating temperature	0°C to 60°C
Operating Humidity	0 ~ 90%RH non-condensing
Storage Humidity	0 ~ 90%RH non-condensing
Standards & Specifications	ISO 14443 Mifare PC/SC,CCID EMV 2000 Level 1 CE,FCC RoHS
Supported Contactless Cards	ISO 14443 Type A and B Mifare Classic & Mifare Ultralight C Card Clock Frequency: 13.56MHz Card Read/Write Speed: 106kbps Operation Distance: 5cm~10cm
Supported OS	Windows2000+ Linux MacOSX

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