R502Dual

Contact / Contactless All In One

R502 is a dual-interface smart card reader developed by Feitian Technologies. It is based on CCID driver. It supports not only contact cards compliant with ISO 7816 but also contactless cards compliant with ISO 14443 and contactless cards following Mifare standard. It also provides SIM card slots for many kinds of smart card applications. Moreover R502 comes with the SAM slot suitable for GSM 11.11 cards.

R502 is a terminal interface device for smart card applications and system integrations. With support for smart cards using different interfaces, R502 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
- Compliant with PC/SC, CCID standards
- Firmware supports upgrading in encryption
- Reader ID is configurable
- Compliant with EMV Level 1
- Supports GSM11.11 SIM cards
- Microsoft WHQL 2000, XP, server2003, Vista, 2008, 7
- Supports Windows 2000 / XP / server 2003 / Vista / 2008 / 7, Linux and MacOS

Key Applications

- e-Government
- e-Healthcare
- e-Passport
- e-Payment
- e-Banking
- Network Access Control

Interface	USB 2.0 Full Speed
Supply Voltage	5V DC
Supply Current	<100mA (Without Card Plug-in)
Operating temperature	0°C ~ 60°C
Humidity	0 ~ 90%RH non-condensing
Standards & Specifications	ISO 7816 ISO 14443 Mifare GSM 11.11 PC/SC, CCID EMV 2000 Level 1 CE, FCC RoHS
Supported Contact Cards	ISO7816 T=0/T=1, Class A,B and C SAM Card Compliant with GSM 11.11 Card Clock Frequency: 4MHz Card Read/Write Speed: 10753~688172bps
Supported Contactless Cards	ISO 14443 Type A and B Mifare Classic and Mifare Ultralight C Card Clock Frequency: 13.56MHz Card Read/Write Speed: 106kbps Operating Distance: 5cm~10cm
Supported OS	Windows 2000 / XP / 2003 / Vista / 2008 / 7 Linux and Mac OS

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