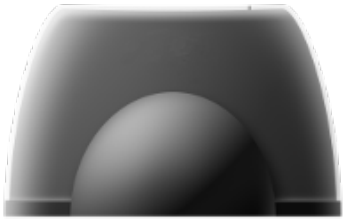
Contact Smart Card Readers

For ISO-7816 Compliant Smart Cards

Specifications

	R301 USB	R301 Stand	R301 SIM
			
Description	A stylish USB desktop card reader supporting ISO-7816 contact smart cards.	A robust USB desktop card reader that takes a smart card inserted vertically.	A USB smart card reader for SIM cards (Subscriber Identity Modules).
Supported Cards	ISO-7816 cards • T=0 and T=1 protocols • Class A, B and C	ISO-7816 cards • T=0 and T=1 protocols • Class A, B and C	ISO-7816 cards • T=0 and T=1 protocols • Class A, B and C
Case Style	C25	C41	B6
Card Types	1.8V, 3V and 5V	1.8V, 3V and 5V	1.8V, 3V and 5V
Card Size	ISO 7810 ID-1	ISO 7810 ID-1	ISO 7810 ID-000 (GSM 11.11)
Power to Card	60 mA	60 mA	60 mA
Smart Card Clock Frequency	4 MHz - 12 MHz	4 MHz - 12 MHz	4 MHz - 12 MHz
Smart Card Interface Speed	10753 bps ~ 625 kbps	13440 bps ~ 625 kbps	10753 bps ~ 625 kbps
Dimensions	74 x 56 x 11 mm	120 x 80 x 76 mm	56 x 21 x 7.5 mm
Weight	46.7 g	296 g	11 g
Durability	100,000 insertions	300,000 insertions	100,000 insertions
Contact Principle	Friction technology	Landing contact technology	Friction technology

	R301 USB	R301 Stand	R301 SIM
Host Interface	USB 2.0 Type-A	USB 2.0 Type-A	USB 2.0 Type-A
Working Current	< 50 mA	< 50 mA	< 50 mA
Working Temperature	0 °C ~ 60 °C	0 °C ~ 60 °C	0 °C ~ 60 °C
Storage Temperature	-20 °C ~ 85 °C	-20 °C ~ 85 °C	-20 °C ~ 85 °C
Humidity Rating	≤90% (non-condensed)	≤90% (non-condensed)	≤90% (non-condensed)
Manufacturer	Feitian	Feitian	Feitian
Supported Standards	• PC/SC • CCID • EMV Level 1 • Microsoft WHQL • GSA FIPS 201 APL	• PC/SC • CCID • EMV Level 1 • Microsoft WHQL • GSA FIPS 201 APL	• PC/SC • CCID • EMV Level 1 • Microsoft WHQL • GSA FIPS 201 APL
Compliance	RoHS, CE, FCC	RoHS, CE, FCC	RoHS, CE, FCC
Supported Platforms	• Windows - Windows 2000 and newer • macOS and OS X • Linux • Android ◦ 4.0 onwards ◦ Device must support USB On-The-Go	• Windows - Windows 2000 and newer • macOS and OS X • Linux • Android ◦ 4.0 onwards ◦ Device must support USB On-The-Go	• Windows - Windows 2000 and newer • macOS and OS X • Linux • Android ◦ 4.0 onwards ◦ Device must support USB On-The-Go

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