

R301

Smart Card Reader



USB-A

Specification

Physical Characteristics

Dimensions	67 mm (L) x 57.5 mm (W) X 12.5 mm(H)
Weight.....	50 g
Color	Black

USB Host Interface

Protocol.....	USB CCID
Connector Type.....	Standard Type A
Power Source.....	From USB port
Speed.....	USB Full Speed (12 Mbps)
Supply Voltage.....	5 V
Cable Length.....	1.1 m (Fixed)

Contact Smart Card Interface

Number of Slots	1 Full-sized Card Slot
Standard	ISO 7816 Parts 1-4, Class A, B, C (5 V, 3 V, 1.8 V)
Protocol.....	T=0; T=1; Memory Card Support
Supply Current	Max. 50 mA
Smart Card Read/Write Speed.....	10753 bps - 625 Kbps
Clock Frequency	Up to 5 MHz
Card Connector Type.....	Contact
Card Insertion Cycles.....	Min. 100,000

Built-in Peripheral

LED.....	Duo Color Blue and Red
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Application Programming Interface

PC-linked Mode.....	PC/SC
.....	CT-API (through wrapper on top of PC/SC)

Operating Conditions

Temperature 0 °C – 60 °C
Humidity Max. 90% (non-condensing)
MTBF 500,000 hrs

Certifications/Compliance

CE/FCC/RoHS/REACH/EN60950/IEC60950/EMV Level 1/LTIC/BSMI/Microsoft WHQL
Server 2008, Server 2008 R2, 7, 10, Server 2012/FIPS 201

Device Driver Operating System Support

Win2000+ / Linux / macOS X / UNIX / Android (OTG)

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