

iR301

Smart Card Reader



Specification

Physical Characteristics

Dimensions.....	58.0 mm (L) × 46.0 mm (W) × 7.5 mm (H)
Weight.....	34 g
Color.....	Black

USB Host Interface

Protocol.....	USB CCID
Connector Type.	Standard Type C
Power Source.	From USB port
Speed	USB Full Speed (12 Mbps)
Supply Voltage.....	5 V

Contact Smart Card Interface

Number of Slot	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.....	9.6 Kbps – 600 Kbps
Short Circuit Protection	(+5) V/GND on all pins
Clock Frequency	4.8 MHz
Card Connector Type.	Contact
Card Insertion Cycles.....	Min. 100,000

Built-in Peripheral

LED	Green
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Application Programming Interface

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

Operating Conditions

Temperature0 °C – 60 °C

Humidity Max. 90% (non-condensing)

MTBF500,000 hrs

Certifications/Compliance

CE / FCC / MFi / RoHS / EMV Level 1 / LTIC / BSMI / TQM

Device Driver Operating System Support

Android™ 3.1 and later, iOS

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