

iR301-U

Smart Card Reader



Specification

Physical Characteristics

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

USB Host Interface

API Standard.....	PC / SC Lite / WINS CARD API
Connector Type.....	Lightning port
Power Source.....	From Lightning 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.....	10753 bps – 600 Kbps
Short Circuit Protection	(+5) V/GND on all pins
Clock Frequency	4 MHz
Card Connector Type.....	Contact

Built-in Peripheral

LED.....	White and Blue
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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 / MFi / RoHS / EMV Level 1 / LTIC / BSMI / TQM

Device Driver Operating System Support

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

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