

Feitian bR301 Bluetooth Reader



The bR301 from Feitian is a USB contact smartcard reader equipped with a Bluetooth interface that brings smartcard security to any mobile and PC device supporting Bluetooth technology. Designed with convenience in mind, the bR301 is highly suitable for smartcard-controlled mobile applications including ID authentication, e-commerce, e-payment, information security and access control.

The Feitian bR301 acts as a standard PS/SC smartcard reader through its MicroUSB port, supporting Windows and Linux with a standard CCID driver, whilst the Bluetooth interface enables secure communication with iOS, Windows and Android mobile devices via the free SDK.

The reader supports ISO 7816 Class A, B and C cards and comes complete with a 800 mAh battery that can be charged through the MicroUSB port.

A USB contact smartcard reader with a Bluetooth interface.

To buy, visit:

<https://www.smartcardfocus.com/shop/ilp/id~683/feitian-br301-bluetooth-reader/p/index.shtml>

This Product Briefing has been produced by Dot Origin Ltd, the smart card experts behind SmartcardFocus.com. If you have a query email sales@smartcardfocus.com or call us on +44 (0)1428 685250.

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Basic Parameters

Working Voltage: 3.3V

Working Current: < 55mA

Communication Rate: 10753~344086bps

Supported Card Type: T0,T1,CLASSB,CLASSC,CLASSBC

Communication Rate with iOS: 115200bps

Working Temperature: 0°C to 50°C (32 to 122°F)

Storage Temperature: - 20°C to 70°C (-4 to 158°F)

Operating Humidity: 60 to 90%RH non-condensing

Storage Humidity: 60 to 90%RH non-condensing

Port: Bluetooth/Micro USB

Device Type: Contact(smart card)

Enclosure Type: External

External: 15

Expansion Slot: 1 x Smart Card

Battery: 890mAh

Charging Port: Micro USB

Dimension: 64mm(2.51in)wide*85mm(3.35in)high*13.5mm(0.53in)thick

Material: PC+ABS

Card Deck: 8 contact points (ISO7816 standard)100000 plugging and unplugging times

Supported OS: iOS/Android/Blackberry(developing)

Certification: CE/FCC/MFI/RoHC(pending approval)

Wireless Communications:

Communications protocol: 2.4GHz frequency ISM band. IEEE 802.15.1(Bluetooth) with full security enabled

RF Transmissions Range: Less than half a meter

Data Throughput: 750kb/s to 1MB/s

Communications data: AES-128

Manufacturer: Feitian

Connection Method: USB