

FEITIAN
WE BUILD SECURITY



- ☑ Support iOS / Android / Linux / Mac OS X / Windows
- ☑ Compliant with EMV Level 1 (pending approval)
- ☑ Support ISO-7816-1/2/3 T=0 and T=1 Protocol
- ☑ Support ISO-7816 Class A,B and C Cards
- ☑ Compliant with PC/SC, CCID Standards
- ☑ Provide third party development library
- ☑ MFI specification(pending approval)
- ☑ USB 2.0 Full Speed Device
- ☑ Support auto-PPS

b R 301

Bluetooth Smart Card Reader

For more information, please check on our website: www.ftsafe.com

FEITIAN bR301 has been designed with convenience and security in mind.

Though the easy to integrate blue tooth connection developers are able to easily integrate smart card applications for higher security and flexibility on all mobile and pc devices supporting Bluetooth.

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The bR301 allows for wide scale adoption of smart card applications.

PKI used in the working environment can be transformed to a mobile solution, while mobile payment companies are able to offer wider coverage working on all device platforms.

Through the MicroUSB port the bR301 acts as a standard smart card reader compliant with PC/SC, CCID Standards.

bR301 suits customers where security concerns are the most salient and satisfies the demand for a flexible solution for ID authentication, e-commerce, e-payment, information security and access control.

bR301 and the rest of FEITIAN's line of smart card readers offer each customer a complete solution for all manner of utilizations.

Basic Parameters

Operating Voltage	3.3V
Operating Current	<55mA
Communication Rate	10753~344086bps
Supported Card Type	T0,T1,CLASSB,CLASSC,CLASSBC
Communication Rate with iOS	115200bps
Operating Temperature	0°C~50°C (32°F~122°F)
Storage Temperature	-20°C~70°C (-4°F~158°F)
Operating Humidity	60~90%RH non-condensing
Storage Humidity	60~90%RH non-condensing
Port	Bluetooth/Micro USB
Device Type smart card	Contact (smart card)
Enclosure Type	External
Interface Type	Bluetooth
Expansion Slot(s)	1 x Smart Card
Battery	890mAh
Charging Port	Micro USB
Dimension (L×H×W)	64 × 85 × 13.5 mm
Casing Material	PC+ABS
Card Deck	8 contact points (ISO7816 standard) 100000 plugging and unplugging times
Supported OS	iOS/Android
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	<0.5m
Data Throughput	750kb/s to 1MB/s
Communications data encryption	AES-128

Customization

Customizable items	Logo/case color/ Shell surface treatment process
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