

# bR301BLE

## Bluetooth Smart Card Reader



- Make your workflow wireless, full support of BLE
- World's lightest Bluetooth reader with a compact design,
- Market's first CCID Bluetooth driver on Windows,
- High-security hardware design
- Worldwide certifications make the reader an universal product on both functionality and performance
- Integrated low power feature

FEITIAN bR301BLE has been designed with convenience and security in mind. Though the easy to integrate Bluetooth connection developers are able to easily integrate smart card applications for higher security and flexibility on all mobile and pc devices supporting Bluetooth.

The easy to integrate blue tooth connection allows developers to easily integrate smart card applications for higher security and flexibility on all mobile devices and PCs supporting Bluetooth. The bR301BLE 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 USB Type-C port the bR301BLE acts as a standard smart card reader compliant with PC/SC, CCID Standards. bR301BLE 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. bR301BLE and the rest of FEITIAN's line of smart card readers offer each customer a complete solution for all manner of utilizations.

## Specifications

Interface	<b>USB Type-C</b>	Durability	<b>100,000 insertions</b>
Transmission Speed	<b>12Mbps (USB 2.0 Full Speed)</b>	Battery	<b>800 mAh</b>
Power to Smart Card	<b>60mA</b>	Dimension	<b>85 × 64 × 13.5 (mm)</b>
Contact	<b>Supported Card Types: 1.8V, 3V and 5V Smart Card Interface Speed: 10753~625kbps (when supported by card) Smart Card Clock Frequency: 4M-12M ISO 7816-3 ID-1 (full-size) ISO/IEC7816, T=0 and T=1 protocol, Class A, B, C cards</b>	Power supply	<b>USB port 5V DC</b>
Power Consumption	<b>Power off: 5µA Standby: &lt;50mA Full speed current: &lt;180mA</b>	Working current	<b>&lt; 50mA without card plugged</b>
Support OS	<b>Win2000+ / Linux / macOS X / UNIX / Android / iOS</b>	Working Temperature	<b>0°C ~ 60°C</b>
Certificate	<b>CE / FCC / RoHS / EMV Level 1</b>	Storage Temperature	<b>-20°C ~ 85°C</b>
Material	<b>PC</b>	Humidity	<b>≤90% (non-condensed)</b>
Weight	<b>37g</b>	Physical Security	<b>Short circuit and thermal protection, Over-voltage protection, High security level chipset, Electrostatic prevention</b>
Status Indicator	<b>Blue, Red, Yellow, Green</b>	Firmware Security	<b>Firmware encryption mechanism, Firmware upgradability in encryption, Anti-reverse analysis, firmware cannot be read out.</b>
Connector Cable	<b>0.8m</b>	Meantime Between Failure (MTBF)	<b>500,000 hours</b>
Contact principle	<b>Friction technology</b>		