

Bluetooth Smart Card Readers

Bluetooth Smart Card Reader Specifications

bR301 BLE



bR500



Supported Cards	ISO-7816 cards <ul style="list-style-type: none">• T=0 and T=1 protocols• Class A, B and C	<ul style="list-style-type: none">• ISO 14443 cards (Type A and B)• MIFARE and Felica protocols
Card Size	ISO 7810	ISO 7810
Power to Card	60 mA	60 mA
Smart Card Clock Frequency	4 MHz - 12 MHz	13.56 MHz
Interface Speed	10753 bps ~ 625 kbps	106 kbps ~ 424 kbps
Dimensions	91 x 63 x 8 mm	91 x 63 x 8 mm
Weight	31 g	31 g
Durability	100,000 insertions	N/A
Host Interface	<ul style="list-style-type: none">• Bluetooth Low Energy, BLE,• Bluetooth Smart• USB 2.0	<ul style="list-style-type: none">• Bluetooth Low Energy, BLE,• Bluetooth Smart• USB 2.0
Working Current	< 50 mA	< 50 mA
Working Temperature	0 °C ~ 60 °C	0 °C ~ 60 °C
Storage Temperature	-20 °C ~ 85 °C	-20 °C ~ 85 °C
Humidity Rating	≤90% (non-condensed)	≤90% (non-condensed)

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Manufacturer	Feitian	Feitian
Supported Standards	<ul style="list-style-type: none">• PC/SC• CCID• EMV Level 1	<ul style="list-style-type: none">• PC/SC• CCID• EMV Level 1• NFC Forum
Compliance	RoHS, CE, FCC	RoHS, CE, FCC
Supported Platforms		
Bluetooth Connection:	Windows - Windows 8 and newer iPhone - iPhone 4S and newer, iOS 5 and newer Android - 4.3 Jelly Bean and newer (Device must support Bluetooth Smart)	Windows - Windows 8 and newer iPhone - iPhone 4S and newer, iOS 5 and newer Android - 4.3 Jelly Bean and newer (Device must support Bluetooth Smart)
USB Connection:	Windows - Windows XP and newer macOS and OS X - All versions Linux - Kernel version 2.6 and newer	Windows - Windows XP and newer macOS and OS X - All versions Linux - Kernel version 2.6 and newer