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bR301 Smart Card Reader

FAQ

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How to publish your application (with external device) in Apple Store?

Once you completed your application, you need to provide the below App information to FEITIAN:

1. Name of app as it will appear in App Store:

2. App version:

3. Bundle identifier:

4. Protocol names:

FEITIAN will add all application information to MFi product plan, then we will send PPID (product plan ID) to customer after get approval from Apple

Customer needs add PPID to review notes as below image shown, and then submit application to Apple.

Review Notes (optional)   MFI PPID 123456-7890

How to debug the application with iOS device and external device?

FEITIAN provides static library with debug log.

How to display application on AppStore in iOS device?

The protocol string is use for matching the external device, when you insert the external device, the iOS system will automatically find the matching protocol string application and download it.

It can be implementing through customization if customer only wants to display their own application, they need to provide below information to FEITIAN to get product plan ID:
1. Accessory name :
2. Manufacturer name:
3. Model Number:
4. Protocol string:

Does the bR301 support Windows 8, Linux, Mac OS X?

Yes, bR301 is a standard CCID smart card reader, no need to install any driver.

For linux and Mac OS X, we provide install script for customer, more detail information, please follow our SDK.

How to work with PC (Windows / Mac OSX / Linux)?

Through Micro USB cable to connecting with PC.

Does the bR301 support encryption inside, like DUKPT?

For current version, we don't add this function, but we will add it in next version.

Does the bR301 get EMV Level 1 certification?

bR301 will be submit to EMV Lab in May, we will informed to all customers once we got EMV Level 1.

What information can be customizing?

- Case
- Packaging
- Firmware information (reader name/brand name/protocol string)

What's the LED light means?

Blue – means Bluetooth has been activity.
Red – means recharging battery, when the battery has full, then the red light will disappear.
2013/8/19 bR301 v2.0 light means, please reference bR301 user manual "Hardware configuration" section.

How long is the run-time of the bR301 from the time it is fully loaded until the battery is empty?

More than 10h, around in 10 - 12h (run-time)

How is the battery dimensioned (mAh)? (we work in a permanent running mode, i.e. the Bluetooth-connection stays active and an access to the smart card occurs sporadically).

890mAh

Will you provide a Bluetooth - driver for Windows, i.e. contactless access from a notebook to the reader?

The bR301 driver is developing, the bR301 driver will let customer can through Bluetooth port to communicate with card on PC without cable.

The driver will release end of September in 2013, support Windows and Mac OS X.

Which Bluetooth protocol version support in bR301?

Our bluetooth reader can compliant 2.1/3.0/3.1/4.0.

is it possible to operate the reader with BT when it is connected to the PC via USB for battery loading purpose?

No, only can have one transaction mode (USB or BT), when you connecting with PC, then will auto close BT port.

Does the bR301 support iOS (iPhones and iPads), Android and Windows 8?

Yes, the reader support windows 8 PC version, we haven't plan to develop Window Phone 8, if you have this requirements, please contact FEITIAN.

bR301 support android tablet and phones 4.0+, iOS 3.1.3+.