



# **BR500 and BR301BLE Bluetooth CCID Driver INSTALL MANUAL**

Made by: Feitian Technologies

## Revision Sheet

Release No.	Date	Revision Description
Rev 1. 0	26/7/16	Install Manual Created
Rev 1.1	20/3/18	Update driver and support new bR301BLE and bR500, which upgrade the Bluetooth module.
Rev 1.2	21/3/18	Update driver file, make one driver to support old and new hardware

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**BR301BLE AND BR500 DRIVER INSTALL MANUAL**

**TABLE OF CONTENTS**

	<u>Page #</u>
<b><i>1.0 Preparatory work .....</i></b>	<b><i>1-1</i></b>
<b><i>1.0.1 Pair.....</i></b>	<b><i>1-1</i></b>
<b><i>1.0.2 Choose the right driver .....</i></b>	<b><i>1-3</i></b>
<b><i>1.0.2 Install Driver .....</i></b>	<b><i>1-2</i></b>
<b><i>1.0.3 Uninstall Driver .....</i></b>	<b><i>1-2</i></b>

## **1.0 DRIVER INSTALL**

## 1.0 PREPARATORY WORK

The driver using for BR500 AND BR301BLE, they are using Bluetooth BLE 4.2 technology, to be make it work under Windows platform. Feitian made Windows Bluetooth driver for Windows 8 and 10, allow user using wireless connection on Windows platform.

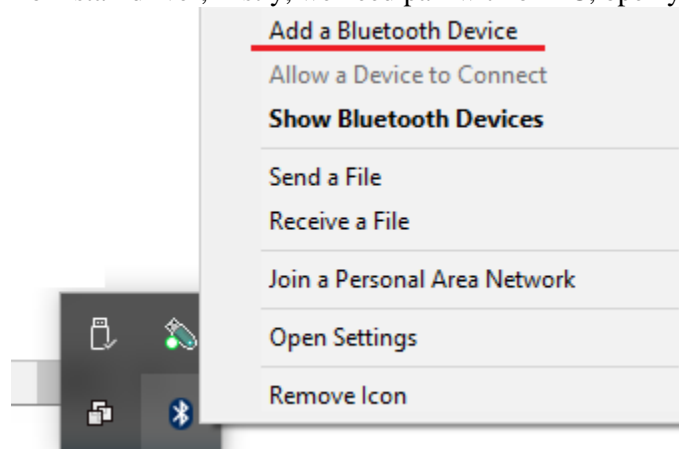
The driver is CCID, PCSC compatible driver, if your application developed by PCSC or WINS CARD API, then you can be using Feitian BR301BLE and BR500 directly.

### 1.0.1 Pair

The BR301BLE and BR500 using Bluetooth 4.0 LE technology to build, the firmware is according with CCID protocol. To improve user experiences, we developed driver for Windows and allow user do communication on Windows wirelessly.

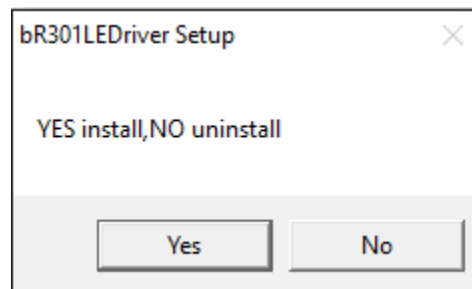
\*Before start using driver on windows, please check your computer/laptop support Bluetooth 4.0 LE technology.

To install driver, firstly, we need pair with on PC, open your Bluetooth or



## 1.0.2 Install Driver

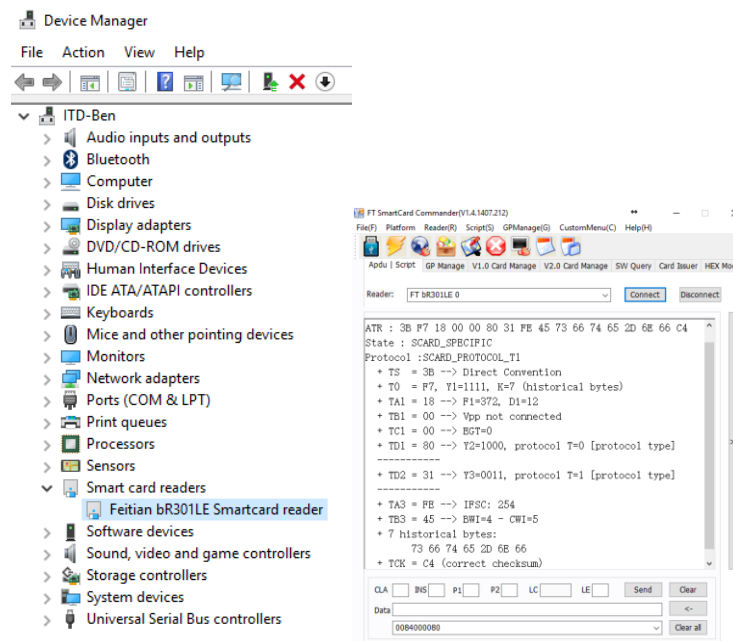
**Step #1:** Enter to driver folder, and running “BR301BLE\_AND\_BR500\_DRIVER\_RELEASE.exe”, After your pair successful, then click YES to start install.



**Step #2:** Once your driver installs successful, you will found the driver list in your device manager, you can find WINS CARD demo or tool to test it. The second screenshot show you after insert card, you can do connect “FT BR301BLE 0” and power on to get card ATR.

### Notice:

If the card cannot detect by driver, please make sure your reader has connected to PC correctly and after disable driver and enable again.



## 1.0.3 Uninstall Driver

The step as 1.0.2, choose the uninstall button to uninstall.



## 1.0.4 Check your reader version

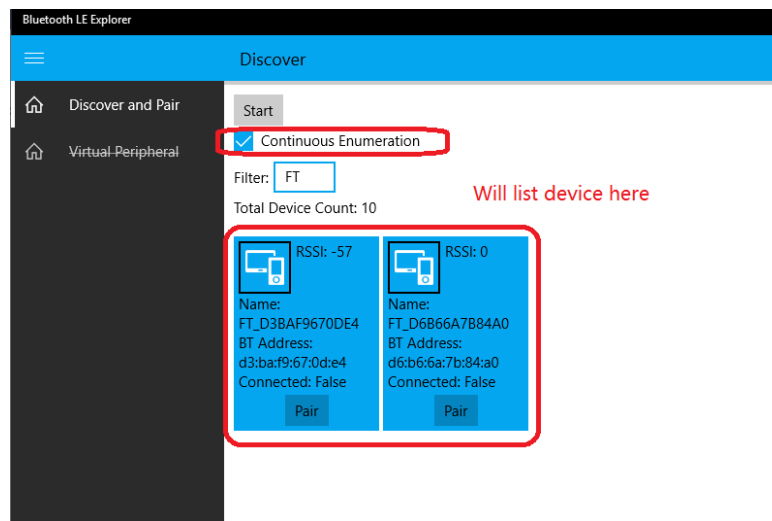
We released new bR301BLE and bR500 reader early in 2019, to check your reader version, please go below steps:

How to check the reader Bluetooth version, follow below steps:

**Step 1:** Download application first:

<https://www.microsoft.com/en-us/p/bluetooth-le-explorer/9n0ztkf1qd98>

**Step 2:** Lunch the application, and Filter with “FT”, click start



**Step 3:** check the UUID of your device, you can find the UUID from the below

If the UUID is 46540001-0002-**00c6**-0000-465453414645, this is **new** version

If the UUID is 46540001-0002-**00c4**-0000-465453414645, this is **old** version

