



CIR515A Bluetooth Contact Smart Card Reader User Manual

Driver installation Procedure

The driver package is already signed by Microsoft so that the user can install the driver directly via Windows Update. Otherwise, please follow the steps below to do manual installation.

Hardware requirement(s):

- 1 x CIR515A
- 1 x PC with OS Windows 7 or above

Software requirement(s):

- 1 x CIR515 Driver Package

Steps:

1. Connect CIR515 to PC
2. On PC, open "Control Panel > System"
3. Open "Device Manager"
4. Select and open "Smart card readers"
if "Microsoft Usbccid ... (WUDF)" is shown, continue with step 5
if "CIR515 ICC" are shown, it means driver installation is completed
5. Right click on the "Microsoft Usbccid ... (WUDF)" and select "Update driver"
6. Select "Browse my computer for drivers..."
7. Select "Let me pick from a list ..."
8. Select "Browse..."
9. Select "CIR515.inf"
10. Follow the steps on the screen to complete the driver installation
11. Then the device is ready to use

Warning:

- Any Changes expressly or modifications not approved by the party responsible for compliance could void the user's authority to operate the equipment.
- Do not use a power supply with more than 5VDC 500mA to power this product.
- Max Operating Temp: 40 °C

FCC compliance statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Bluetooth Profile:

The CIR515A is a smart card reader that uses Bluetooth as its communication interface. It implements a customized Smart Card Service, which includes a Primary Service for smart-card operations, an RX characteristic for receiving requests, and a TX characteristic for sending responses or notifications.

Service	UUID	Description
Smart Card	6e400001-b5a3-f393-e0a9-e50e24dcca9e	Smart Card Service
	6e400002-b5a3-f393-e0a9-e50e24dcca9e	RX characteristic – Request
	6e400003-b5a3-f393-e0a9-e50e24dcca9e	TX characteristic – Response / Notification
Generic Access (GAP)	0x2A00	Device Name
	0x2A01	Appearance
	0x2A04	Peripheral Preferred Connection Parameters
	0x2AA6	Central Address Resolution
Tx Power (TPS)	0x2A07	Tx Power Level
Device Information (DIS)	0x2A29	Manufacturer Name
	0x2A25	Serial Number
	0x2A26	Firmware Revision

Contact Us

For support, driver updates and other inquiries, please contact us using the details below:

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