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Micro USB to RS232 Serial Adapter Cable for Android™ with USB Charging

ICUSBANDR232

*actual product may vary from photos

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FCC Compliance Statement

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.
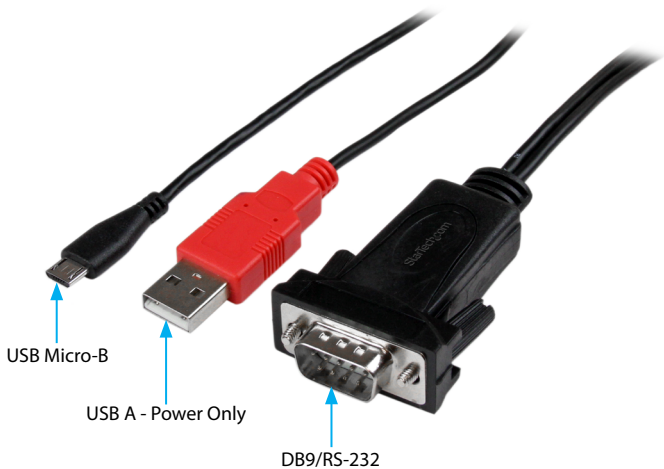
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Product Overview

USB Micro-B

USB A - Power Only

DB9/RS-232

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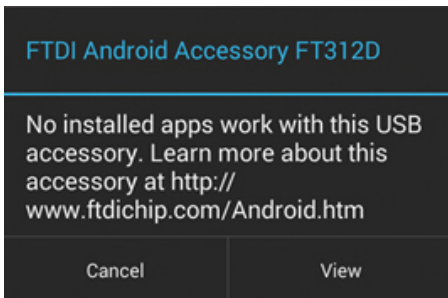
Introduction

Packaging Contents

- USB to RS-232 Serial Adapter Cable for Android
- Instruction Manual

System Requirements

- Available USB A Female Port for power/charging capabilities (eg: PC USB or USB Wall Charger)
- FTDI AOA HyperTerm Application for Android
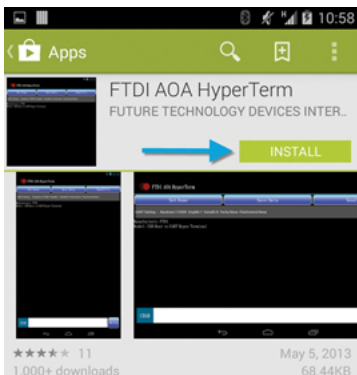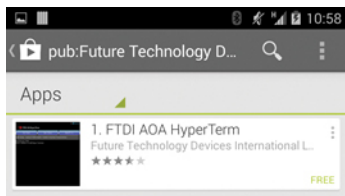- Android OS Version 3.2 Honeycomb or later

Installation

1. Connect the USB A connector to the USB port of a computer, or to a 5V/1A USB wall charger.

2. Connect the USB Micro-B connector to the Micro USB port on your mobile Android™ device.

3. Once connected the below message will pop up. Click "View" to follow the link to the FTDI Android Support Page. The support page can also be reached here: http://**www.ftdichip.com/Android.htm**

FTDI Android Accessory FT312D

No installed apps work with this USB accessory. Learn more about this accessory at http://www.ftdichip.com/Android.htm

Cancel   View

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4. On the following screen, click on the "Google Play" icon. This will take you to the Google Play Store to download the application. Alternatively, you can search "ftdi uart" from the Google Play Store.

5. Select the "FTDI AOA HyperTerm" application, on next screen select "INSTALL."
Note: It is recommended to use the default "FTDI" application for serial control. For an alternative application launch the Google Play store and search for "passiontech" to download and install the Passion AOA HyperTerminal.

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The application will download and install automatically, and auto loads once you connect the adapter to your Android device.

6. Connect your RS-232 serial device to the DB9 connector of the adapter.
Note: This device will only work on the original infrastructure of the Android operating system and may not function with any modified versions.
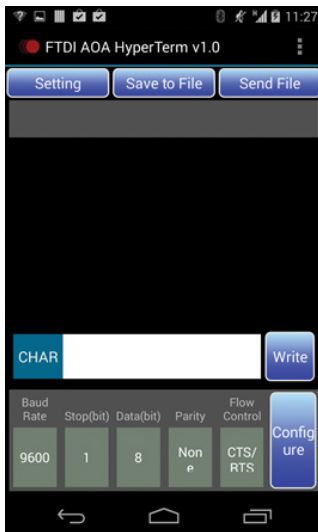
Operation

The application will launch once the USB to RS-232 adapter is connected to your Android device. You should also see a "FTDI AOA HyperTerm v1.0" icon within your applications lists, or on one of your home screens.

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1. Select "Setting" to configure attributes such as Baud Rate, Stop(bit), Data(bit), Parity, and Flow Control.

2. Select "Send File" to send/receive files between your Android and serial device.

3. Or, type your desired command(s) in the "CHAR" input field and tap the "Write" button to send data when the data format button shows "CHAR".

   Note: Tapping the data format "CHAR" button toggles HEX format for sending hexadecimal data command(s). When inputting two hexadecimal characters, each character should be from "0" to "9" or from "a" to "f", otherwise the application will show a warning message when the "Write" button is tapped.

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Specifications

Host Interface	Android USB Micro
Chipset	FT312D
Connectors	1x USB A (4 pin) Male 1x USB Micro-B (5 pin) Male 1x DB-9 (9 pin; D-Sub) Male
Flow Control	None, CTS/RTS, DTR/DSR, XOFF/XON
Max Baud Rate	921.6 Kbps
Serial Protocol	RS-232
Data Bits	7, 8
Parity	None, Odd, Even, Mark, Space
Stop Bits	1,2
Operating Temperature	0°C to 60°C (32°F to 140°F)
Storage Temperature	0°C to 80°C (32°F to 176°F)
Humidity	5~90% RH
Product Dimensions(LxWxH)	1000mm x 35mm x 15 mm
Weight	85 g
Compatible Operating Systems	Android OS Version 3.2 Honeycomb or later

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Technical Support

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