

## Micro USB to RS232 DB9 Serial Adapter Cable for Android™ with USB Charging - M/M

StarTech ID: ICUSBANDR232



The ICUSBANDR232 Micro USB to Serial Adapter Cable for Android™ converts the micro USB port on your Android mobile device into an RS232 DB9 connection, letting you control a serial device from the convenience of your smartphone or tablet.

Plus, you can keep your Android mobile device charged even when using the adapter to control or configure a serial device. The adapter cable features an integrated USB power cable that connects to a computer USB port, USB wall charger or portable USB battery pack to power the adapter.

Designed for mobility and integration into mixed environments, this portable and lightweight single cable solution is compatible with nearly all Android OS version 3.2 Honeycomb or later devices including the Samsung Galaxy Note®, Galaxy® S5, S4, S3, or S2, Google Nexus™ 7, 5, or 4, and Motorola or HTC mobile devices. The versatile adapter will even work with devices that don't support USB On-The-Go (OTG)!

This Micro USB to serial adapter features an integrated FTDI USB UART Chip supporting baud rates up to 921.6 Kbps, provides serial configuration via a downloadable FTDIAOA (Android Open Accessory) HyperTerm Application, and offers standard CTS/RTS, DTR/DSR, XOFF/XON flow control.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

### Applications

- Mobile hobbyists and enthusiasts configuring serial-based projects and applications
- Administrators or mobile repair technicians controlling or configuring serial devices in a server room or office
- Remote locations where a laptop/desktop serial controller is unavailable
- Hospital and medical environments with monitoring equipment, nurses' stations
- POS devices such as credit/debit card readers, receipt printers, bar code scanners, or cash registers
- Control industrial/automotive sensors and equipment from an Android mobile device

## Features

- Powers and charges the connected Android device, USB-powered via PC USB port, USB wall charger, or USB mobile battery pack
- OTG (On-The-Go) support not required by the connected mobile device
- Single cable, small footprint design for portability
- USB to Straight-Through RS-232 DB9 Serial Adapter for Android
- Supports baud rates up to 921.6 Kbps
- Compatible with Android OS Version 3.2 Honeycomb or later
- Integrated FTDI USB UART Chip
- Compatible with USB 1.1 or higher ports

Technical Specifications

|                               |  |
|-------------------------------|--|
| Warranty                      | 2 Years  |
| Ports                         | 1  |
| Interface                     | Serial   |
| Bus Type                      | USB 2.0  |
| Port Style                    | Cable Adapter  |
| Industry Standards            | RS-232   |
| Chipset ID                    | FTDI - FT312D  |
| Connector Type(s)             | 1 - DB-9 (9 pin; D-Sub) Male   |
| Connector Type(s)             | 1 - USB A (4 pin) Male   |
| Connector Type(s)             | 1 - USB Micro-B (5 pin) Male   |
| Serial Protocol               | RS-232   |
| Max Baud Rate                 | 921.6 Kbps   |
| Data Bits                     | 7, 8   |
| Flow Control                  | None, CTS/RTS, DTR/DSR, XOFF/XON   |
| Parity                        | None, Odd, Even, Mark, Space   |
| Stop Bits                     | 1, 2   |
| OS Compatibility              | Android OS Version 3.2 Honeycomb or later  |
| System and Cable Requirements | Available USB A Female Port for power/charging capabilities (eg: PC USB or USB Wall Charger) |
| System and Cable Requirements | FTDI AOA HyperTerm Application for Android™  |
| Cable Length                  | 1 m [3.3 ft]   |
| Product Length                | 1 m [3.3 ft]   |
| Product Width                 | 35 mm [1.4 in]   |
| Product Height                | 15 mm [0.6 in]   |
| Product Weight                | 85 g [3 oz]  |
| 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   |
| Shipping (Package) Weight     | 160 g [5.6 oz]   |
| Included in Package           | 1 - USB to RS-232 Serial Adapter Cable for Android™  |
| Included in Package           | 1 - Instruction Manual   |

Certifications, Reports and Compatibility

