



Technical Data Sheet

USB to Industrial 5Volt RS232 Serial Adapter FTDI

Model Number: USBG-COM-X



The USBG-COM-X USB to RS-232 Adapter with +5VDC power output. The RS-232 port functions as a native Windows COM port, and it is compatible with Windows serial communication applications. The USBG-COM-X provides an optional feature of supplying power output of 5V/250 mA through pin-9 of the serial port.

Features

- TAA Compliant.
- Adds one high speed RS-232 serial port via USB connection.
- Requires no IRQ, DMA, I/O port.
- Data rates: 300 bps to 921.6K bps.
- Serial Connector: one DB-9 male connector.
- Input: USB Self Power (500mA, 5V).
- Output: 250mA, 5V power output for external devices requiring power.
- Monitor LEDs of TxD, RxD indicating port status.
- Supports power output of +5VDC/250mA for external devices requiring power.
- One 3-pin jumper to enable optional power output mode.
- Easy default / power output mode setting by sliding

Product Information

- **Model Number:** [USBG-COM-X](#)
- **Packing List:**
 - RS-422/485 Optical Isolated Serial Adapter
 - 3ft. USB-A male to USB-B male cable
 - Driver Disk
- **Optional Accessories:** N/A

open upper case.

Specifications

Overview

Interface	USB 2.0 to Serial
Protections	10KV
Port Connections	1x DB-9 Male
Protocol	RS-232
Baud Rate	300 bps to 921.6K bps
Color	Black
Compliance	TAA
Certifications	CE, FCC

Physical Features

Construction	Plastic
Cable Length	3ft.
Dimensions	3.23(L)x1.76(W)x.957in(H)
Weight	.206 lbs
OS Support	Windows XP, Vista, Windows 7, Windows 8, and Windows 10, Linux and Mac OS 10.X

Serial Signals

RS-232 Data	TxD, RxD, RTS, CTS, DSR, DTR, DCD, RI, GND
RS-232 with DC 5V	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND, DC 5V

Serial COM Parameters

Data Bits	5, 6, 7, 8
Stop Bits	1, 1.5, 2
Parity	None, Even, Odd, Space, Mark
Flow Control	RTS/CTS, XON/XOFF

Power Modes

Input Power	USB Self Power (500mA / 5V)
Output	250mA, 5V power output for external devices
Selectable Output	3-Pin Jumper

Environment

Operating Temperature	0 to 55°C (32 to 131 °F)
Operating Humidity	5 to 95% RH
Storage Temperature	-20 to 75°C (-4 to 167 °F)

General Applications

Applications	Factory Automation, Data Centers, Serial Equipment, Kiosk, Office, and others.
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Product URL

USBG-COM-X product page	https://www.coolgear.com/product/usb-to-industrial-5volt-rs232-serial-adapter-ftdi
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