

Technical Data Sheet Rev 10-261014

USB to RS232 Isolated TTL | CMOS Adapter Cable with TB

Model Number: **USB-232TTLMOS-IS**



Features

- Voltage can be set for 3.3V or 5V - Voltage labels on adapter.
- 8ft. length allows flexible connections.
- 5-pin terminal block RS232 serial connection for wired applications.
- Supports 2,500Vrms Isolation for TTL / CMOS Signals (TXD, RXD, GND)
- Easy Serial Port Expansion over USB Port

Package Contents

- USB Serial Adapter

OVERVIEW

SKU	USB-232TTLMOS-IS
UPC	736983902382
Country of Origin	Taiwan
Manufacturer	Coolgear
Warranty	One Year
Certifications	REACH, RoHS, TAA
Product URL	https://www.coolgear.com/product/usb-to-rs232-isolated-ttl-cmos-adapter-cable-with-tb

PHYSICAL

Item Dimensions (Inches) (LxWxH)	1.77 × 1.65 × 1.15 in
Package Dimensions (Inches) (LxWxH)	9 x 6.25 x 1.75 in
Package Weight (Lbs.)	0.51 lb
Color	Black
Material of Construction	Plastic

TECHNICAL DATA

Chipset	FTDI
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TECHNICAL DATA

Package Contents

Cable Included?	Yes
Included Cable Length (Inches)	99 inches / 8.25 feet
Included Cable Specification	USB 2.0 (480Mbps)
Included Cable Type	Integrated USB Type A (480Mbps) Cable

CONNECTIONS

USB Specification	USB 2.0 (480Mbps)
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POWER

Isolated	Yes
Bus Power support	Y - Supports Bus Power

SERIAL SPECIFICATIONS

Serial Port Count	1
Port Type	5-pin Terminal
Serial Protocols Supported	RS232
Serial Baud Rate Minimum	300 bps
Serial Baud Rate Maximum	921.6 Kbps
Data Bits	7, 8
Stop Bits	1, 2
Serial Parity	None, Odd, Even, Mark, Space
Flow Control	Hardware (RTS, CTS), XON/XOFF
RS Signals	TxD, RxD, VOUT, VIN, GND
RS232 Pinout	TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND

ENVIRONMENTAL

Operating Temperature	-40C ~ 85C
Storage Temperature	-40C ~ 85C
Humidity	5% to 95% RH

OS / SOFTWARE

TECHNICAL DATA

OS Compatibility	• Windows 11 • Windows 10 • Windows 8 • Windows 7 • Windows Vista • Windows XP • Linux • Mac OS
Additional Software Required?	No
Drivers Required?	Yes
Drivers URL	https://cdn.coolgear.com/files/FTDI-Latest.zip

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