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Technical Data Sheet

USB to RS232 Isolated TTL | CMOS Adapter Cable with TB

Model Number: USB-232TTLMOS-IS











The USB-232TTLMOS-IS USB to serial conversion cable is designed for PC, thin client, or server to provide an instant TTL/CMOS RS232 port expansion via the Universal Serial Bus (USB). The USB-232TTLMOS-IS provides a USB to RS232 port with 5V/3.3V TTL/CMOS compatible Logic levels. The RS232 signals include TXD, RXD, and GND. The product is powered by the USB bus power so it does not need any DC power from an external AC Power Adapter. The TTL/CMOS RS232 signals were presented on the 5-pin Terminal Blocks.

Features

- Provides 1 TTL/CMOS RS232 Serial Port over USB Port
- Supports 3-Signal TTL/CMOS RS232 Conversion: (TXD, RXD, GND)
- Supports a 5-pin Terminal Blocks for TTL/COMS Signal Wiring
- 5V/3.3V Logic Level Selectable by DIP Switch
- Signal Levels are Similar to Standard RS232 but in TTL/CMOS Swing Level
- Supports 2,500Vrms Isolation for TTL/CMOS Signals
- USB1.1 and USB2.0 Forward Compatible
- Supports Serial Speed from 300bps to 921.6Kbps
- Built-in FTDI USB UART Chip
- Supports XP, 7, 8, 10, CE, 2000, 2003, 2008, Linux and Mac OS

Product Information

- **Model Number:** USB-232TTLMOS-IS
- **Packing List:**
  - USB to RS-232 Isolated TTL /CMOS Adapter
  - Driver Disk
  - Paper Installation Manual
- **Optional Accessories:** N/A

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Specifications

OVERVIEW	
Product Type	USB to TTL / CMOS Serial Port
Isolation	2500Vrms
Mountable	N/A
Construction	Plastic
Applications	Data Centers, Automotive peripheral installation, Machine Equipment, Kiosk, Office, and others
CONNECTIONS	
USB Type-A	To host computer
Terminal Block	5 wire terminal
POWER REQUIREMENTS	
Power	Bus powered, no external power required
Input	+2.5V or +1.8V DC Power Input Required on the 5-pin Terminal Blocks in case of Supporting 2.5V or 1.8V Logic Levels
PIN CONFIGURATION	
Pin 1	TXD (Output)
Pin 2	RXD (Input)
Pin 3	VOUT (Output TTL / CMOS Power)
Pin 4	VIN (Input TTL / CMOS Power)
Pin 5	GND (Ground for TTL / CMOS)
ENVIRONMENTAL	
Operating Temperature	-40 to 85°C (-40 TO 185°F)
Operating Humidity	5 to 95% RH
Storage Temperature	-40°C to 85°C (-4 TO 185°F)
PHYSICAL	
Total Length	8ft 3in.
Cable Length	8ft.
Adapter LxWxH	1.77”(L)x1.65”(W)x1.15”(H) (4.49 x 4.18 x 2.20 cm)
Weight	3.7oz
OS SUPPORT	
Windows	Windows 2000, 2003, CE, Vista, Windows 7, and Windows 8
Other	Linux and Mac OS 10.X
WARRANTY	
Warranty Period	1 year from date of purchase

PRODUCT URL	
USB-232TTLMOS-IS Product Page	https://www.coolgear.com/product/usb-to-rs232-isolated-ttl-cmos-adapter-cable-with-tb or http://www.usbgear.com/USB-232TTLMOS-IS.html

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