GEARMO®

Technical Data Sheet

2 Port Pro USB 2.0 to Serial Converter, TX/RX LED COM Retention

Model Number: USA-FTDI2X

The USA-FTDI2X USB 2.0 to RS232 commercial converter is a universal USB 2-port RS-232 converter that doesn't need an external power supply. It is compatible with USB and RS-232 standards can convert single-end USB signal to RS-232 signal. It has built-in automatic transmit-receive switch without time delay. The unique I/O circuit can be used to automatically control the direction of data flow making it plug-and-play, it is also applicable to all existing communication software and interface hardware. The USA-FTDI2X supports point-to-point communication with data rate of 300-921600bps. The power indicator and data traffic indicator lights can be used for fault indication.

Features

- Conforms to USB 2.0, USB 1.1, 1.0, EIA RS-232 standards.
- Supports asynchronous point-to-point.
- 2 DB-9 Male connectors with screw lock mechanisms
- Supports automatic data flow control technique.
- Baud rates up to 300-921600bps.
- ±15KV ESD surge protection.
- 3 LED signal lights for PWR, TXD and RXD
- Bus powered
- Supports Win XP/Vista/7/8/10/Mac/Linux.
- 5ft. cable length

Product Information

- **Model Number:** USA-FTDI2X
- **Package Contents:**
  - 5ft. USB to RS-232 Adapter
  - Driver Disk
- **Optional Accessories:** N/A

Specifications

OVERVIEW	
Interface	USB to 2 Serial DB-9 male connectors
Port Connections	(2) Serial DB-9 male | USB-A male to Host
Available Power Modes	Bus Powered
Electrical Protection	±15KV electrostatic protection
Transmission Media	Twisted-pair cable or shielded cable
PHYSICAL FEATURES	
LEDs	(1 per connector) PWR, TXD, RXD

Construction	Plastic
Color	Black
Dimensions	1500 mm cable length
Weight	0.318 lbs.
SIGNALS	
USB Signals	VCC, DATA+, DATA-, GND, FG
RS-232 Signals	DCD, RXD, TXD, DTR, GND, DSR, RTS, CTS, RI
COMMUNICATION MODES	
	Point-to-point communication
WORKING MODES	
	Asynchronous point to point
TRANSMISSION	
Baud Rates	300 - 9,600 Kbps automatic detection of the transmission rates.
Transmission Distance	5 meters for RS-232 interface and no more than 5 meters for the USB port.
ENVIRONMENT	
Operating Temperature	-40°C to 85°C
Relative Humidity	5% to 95%
PRODUCT URL	
USA-FTDI2X Product Page	http://www.gearmo.com/shop/usb-2-0-to-serial-professional-2port-converter/