USB-232 Converter
USB 2.0 to RS-232 on RJ-45

FEATURES / BENEFITS

√ **Made in USA**

√ **USB Connectivity: USB 2.0 compliant**

√ **RS-232 Interface: Full RS-232 modem control signals (TxD, RxD, RTS, CTS, DSR, DTR, DCD, GND) available via an RJ-45 connector.**

√ **Baud Rate: Data rates up to 115.2 Kbps.**

√ **Flow Control: Supports hardware flow control using CTS, RTS, DTR, DSR signals.**

√ **Power: USB bus powered, no external power adapter required.**

√ **COM PORT: installs as a standard windows 10/11 COM port**

√ **Protection: Built-in +/-15KV electrostatic discharge (ESD) protection for the RS-232 I/Os, USB surge protected**

√ **Indicators: Integrated LEDs for Transmit (TXD), and Receive (RXD) activity.**

√ **Sturdy: compact aluminum enclosure**

DESCRIPTION

The USB-232 on RJ-45 converter provides a simple, reliable solution for connecting legacy RS-232 serial devices to modern PCs or embedded systems via a standard USB 2.0 port. Utilizing the Infineon CY6C65213A USB-UART LP Bridge Controller, it handles all USB signaling and protocols, providing a I COM port interface for the host system. The inclusion of an RJ-45 connector allows for the use of readily available, inexpensive CAT5/6 Ethernet cabling for data transmission, ideal for console access to network equipment.
The USB-232 on RJ-45 converter is an ideal companion to the DBU-2328_C data broadcast Unit for simplified end-to-end RS-232 data distribution.

The USB-232 on RJ-45 unit is housed in a sturdy metal enclosure and operates on the USB buss power. No external power is required.

The RS-232 interface can transmit the RS-232 data long several hundred feet on CAT-6A cabling.

The product also incorporates surge protection circuity that is not found in many other USB to RS-232 converters.

The USB-232 via RJ-45 has a three year warranty and a 24 hour turnaround on warranty repairs.

MADE IN USA

Capacity
Two Ports
One is USB 2.0 Compliant
One port is RS-232 via RJ-45

Data Interface
USB 2.0 and RS-232

Data Format
Data Transparent at all Data Rates

Data Rates
Up to 115.2Kbps

Indicators
TxD and RxD

Surge Protection
All Data Ports

Power Source
Powered from the USB interface

Environmental
Operating Temperature: 50º to 86º F (10º to 30º C)
Operational Altitude: 0 to 10,000 feet
Operational Relative Humidity: 10-80%
Non-Operational Temperature: -30 degC to 56 degC
Non-Operational Altitude: 0 to 50,000 feet above sea level

Dimensions
Height .... 0.93 inches (2.362 cm)
Width .... 2.20 inches (5.588 cm)
Length .... 3.00 inches (7.620 cm)

Weight
0.2 Pound (0.0907Kg)

Warranty
Three Years, Return To Factory

Ordering Information
Main Unit Part Number: 294000
Model: USB-232_RJ-45
Description: USB 2.0 to RS-232 Converter

Included with each unit:
1) Operations Manual
2) CD ROM with Drivers
For further detailed technical information on this product, contact East Coast Datacom Technical Assistance toll free at (321) 637-9922
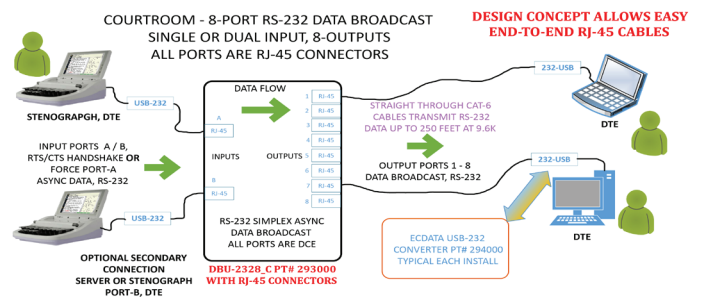
OTHER EAST COAST DATACOM PRODUCTS
NETWORK LATENCY EMULATORS
MODEM AND PORT SHARING DEVICES
Interface converters
MODEM ELIMINATORS

EAST COAST DATACOM DESIGNS AND MANUFACTURES DATA COMMUNICATION EQUIPMENT FOR YOUR NETWORK REQUIREMENTS.

EAST COAST DATACOM, INC.
245 Gus Hipp Boulevard, STE 3 • Rockledge, FL 32955-4812 U.S.A.

TEL: (321) 637-9922   WEB SITE: www.ecdata.com   FAX: (321) 637-9980