

CTUS-013

USB to RS-232 Interface Converter

Features:

- Operating Temperature: -40°C to 85°C
- ±15 kV ESD Protection
- Baud Rate: 300 - 460,800 bps



Introduction:

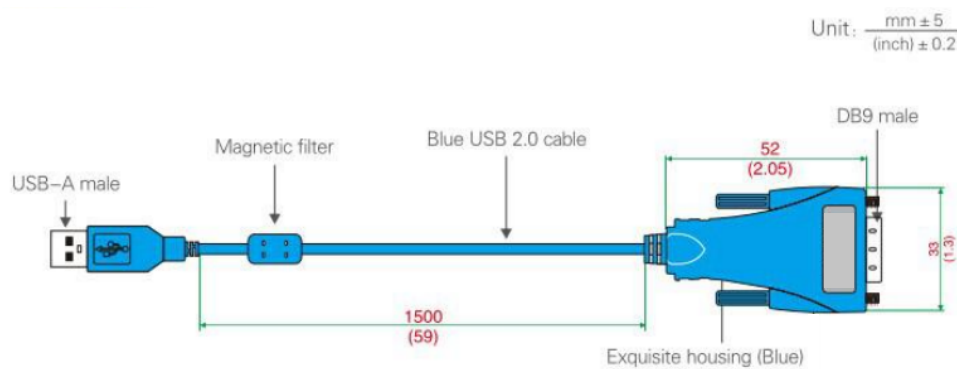
The CTUS-013 is a universal, bus-powered USB-to-RS-232 converter that requires no external power supply. Fully compliant with USB and RS-232 standards, it converts single-ended USB signals into RS-232 format. The device features a unique I/O circuit with zero-delay automatic transceiver switching, which manages data flow direction automatically. This plug-and-play converter is compatible with all modern communication software and hardware.

Supporting point-to-point communication with baud rates ranging from 300 to 460,800 bps, the CTUS-013 also includes dedicated power and data flow indicators for real-time status monitoring.

Specification:

Hardware	
Standard	USB 1.1, 1.0, 2.0; EIA RS-232
USB Signals	VCC, DATA+, DATA-, GND, FG
RS-232 Signal	DCD RXD TXD DTR GND DSR RTS CTS RI
Operating Mode	Asynchronous, Point-to-point Mode
Direction Control	Integrated Automatic Data Flow Control technology automatically detects and manages the data transmission direction.
Baud Rate	300 bps - 460.8 kbps
Interface Protection	±15 kV ESD Protection
Signal Indicators	Three LEDs for Power (PWR), Transmit (TXD), and Receive (RXD)
Transmission Media	Twisted-pair (UTP) or Shielded Cable (STP)
Dimension	1530 × 33 × 16 mm
Operating Temperature	-40°C to 85°C
Relative Humidity	5% to 95%
OS Support	Win 2000/2003/2008/2012/XP/Vista/7/8/8.1/10/CE/Mac/Linux

Dimension Drawing:



Ordering Information:

CTUS-013

USB to RS-232 Converter (USB 2.0), Screw-fixed Plastic Housing, Baud Rate: 300 bps - 460.8 kbps, USB Port-powered, ± 15 kV ESD Protection, Operating Temperature: -40°C to 85°C .

Other Models Are Available upon Request.