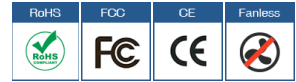


CTUS-038

USB Type-C to RS-232 Converter

Features:

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



Introduction:

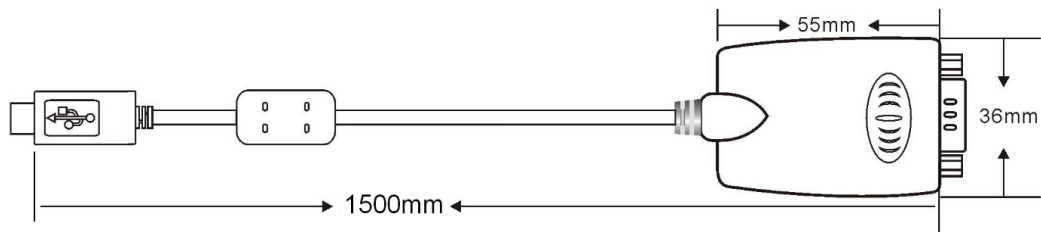
The CTUS-038 is a universal USB to RS-232 converter that complies with USB and RS-232 standards without requiring an external power supply. It efficiently converts single-ended USB signals into RS-232 signals.

Featuring zero-delay automatic switching between transmission and reception, the device utilizes a unique I/O circuit to automatically manage data flow direction. This ensures seamless compatibility with all existing communication software and interface hardware. The converter supports point-to-point communication with data rates ranging from 300 bps to 460.8 kbps.

Specification:

Hardware	
Standard	USB 1.0/1.1/2.0; EIA RS-232
USB Signals	VCC, DATA+, DATA-, GND, FG
RS-232 Signals	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 - 460,800 bps
Transmission Distance	Up to 5 m (USB and RS-232)
Interface Protection	Surge Protection and ±15 kV ESD Protection
Interface Connector	USB Type-C Male (USB), DB9 Male (RS-232)
LED Indicators	Three LEDs for Power (PWR), Transmit (TXD) and Receive (RXD)
Transmission Media	Twisted-pair (UTP) or Shielded Cable (STP)
Cable Length	1500 ± 30 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-038

USB Type-C to RS-232 Converter, Screw-fixed Plastic Housing, 1.5 m Cable, Baud Rate: 300 - 460,800 bps, ± 15 kV ESD Protection, Operating Temperature: -40°C to 85°C.

Other Models Are Available Upon Request.