

CTUS-024

USB to 4-port RS-232 Converter

Features:

- Operating Temperature: -40°C to 85°C
- ± 15 kV ESD Protection
- Baud Rate: 300 - 921,600 bps



Introduction:

The CTUS-024 is a high-performance, industrial-grade USB to 4-port RS-232 converter designed for seamless integration with USB and RS-232 standards. As a bus-powered device, it operates without the need for an external power supply, efficiently converting single-ended USB signals into four independent RS-232 channels.

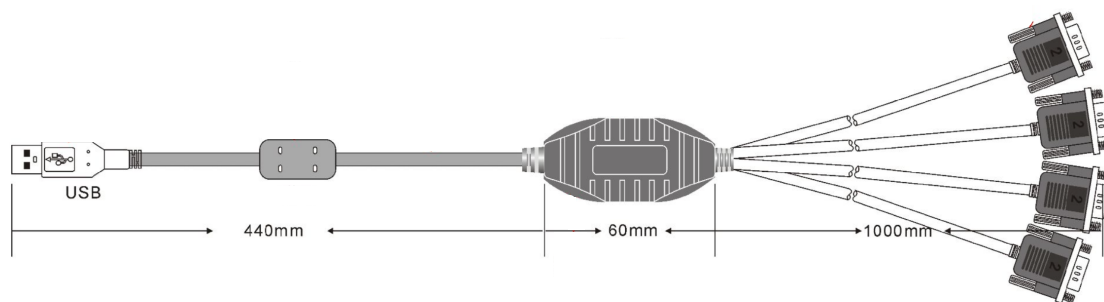
Featuring unique I/O circuitry with zero-delay automatic transceiver technology, the converter intelligently manages data flow direction to ensure true plug-and-play functionality across all modern communication software and hardware. The CTUS-024 supports reliable point-to-point communication with high-speed data transmission rates ranging from 300–921,600 bps. For rapid diagnostics and monitoring, the device includes dedicated LED indicators for power and data traffic status.

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 - 921,600 bps with Auto-Baud Detection
Transmission Distance	5 m (USB and RS-232)
Interface Protection	Surge Protection, ± 15 kV ESD Protection
Interface Connector	Type-A 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 mm
Operating Temperature	-40°C to 85°C
Relative Humidity	5 - 95%
OS Support	• Windows 2000, Server 2003, Server 2008, Windows 7, Windows 7 x 64 • Windows XP and XP 64-bit • Windows Vista and Vista 64-bit • Windows XP Embedded • Windows CE 4.2, 5.0, 5.2 and 6.0 • Mac OS-X • Linux

Dimension Drawing:



Ordering Information:

CTUS-024	USB to 4-port RS-232 Converter (USB 2.0), Screw-Fixed Plastic Housing, 1.5 m Cable, Baud Rate: 300 - 921,600 bps with Auto-Baud Detection, Transmission Distance: 5 m (USB and RS-232), ± 15 kV ESD Protection, Operating Temperature: -40°C to 85°C.
Other Models Are Available Upon Request.	