USB2.0 to RS232 multi-serial

—— Manual ——

USB2.0 to RS232 multi-serial

Ⅰ.Product introduction

This product is an enhanced universal asynchronous transmission standard USB2.0 to RS232 multi serial port products. USB interface fully conforms to full speed USB 2.0 specification, supporting full speed data transmission rate, ane the serial port conforms to RS232 standard Interface, wire with aluminum foil and 64B tin-copper braided mesh double shield, which is strong anti-interference and more stable signal. It can be used in cash register, LED display, nc machine tool, industrial machine,industrial instrument, bar code printer and other RS232 serial port equipment.

Ⅱ. Specification

(1) Support baud rate of 300~1000000bps.

(2) Support super large data send and receive buffer function: 256 byte send, 768 byte receive.

(3) Support data bits: 7, 8, 9, stop bits: 1, 1.5, 2,Check bits: Even, None, Odd, Mark, Space.

(4)Automatic hardware (RTS/CTS or DTR/DSR) flow control.

(5) Support handshake protocol control, MODEM contact signal 1:DCD, 2:RXD, 3:TXD, 4:DTR, 5:GND, 6:DSR, 7:RTS, 8:CTS, 9:RI.

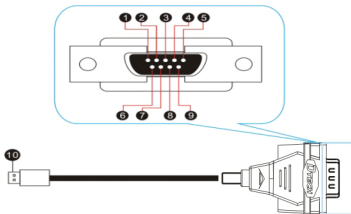(6) Anti-electromagnetic interference design, self-powered USB bus, plug and play.

（7）ESD protection of circuit integration:

±15KV iec 1000−4−2 air gap discharge

±8KV iec 1000−4−2 contact discharge.

（8）Support Windows XP, Win7, Win8, Win10, Mac system.

Ⅲ. Interface description

number	interface type	Communication code	Transmission direction	Function Description
❶	DB9male	DCD	I	Carrier detection
❷		RXD	I	Data reception
❸		TXD	O	Data transmission
❹		DTR	O	Data terminal ready

❺	DB9male	GND		Ground（GND）
❻		DSR	I	Data device ready
❼		RTS	O	Request to send
❽		CTS	I	Clear send
❾		RI	I	Ringing indication
❿	USB 2.0			USB2.0 A male

IV. Connection diagram

application

applicate for connection of computer and serial interface equipment

cashier	PLC	access control system	bar code printer
scanner	PLAM	CNC machine	external modem
tax control machine	writing board	temperature con–trol equipment	LED display
programming machine	touch screen	industrial instrument	industrial control computer

USB 2.0 to
RS232 converter cable

access control
system

cashier

printer

desktop
computer
laptop

Note: The connection diagram is for reference only.

Ⅴ. Product accessories

   (1) Driver/1PCS.

   (2) USB2.0 to RS232 multi-serial cable*1pcs.

   (3) Manual/1PCS.

Product Warranty Card

Customer Information

Model：	
Date of purchasel：	
User telephone：	
User address：	
Distributor：	
Agency address：	
User telephone：	Dealer stamp valid

Intenance Records

Repair times	Date	Fault	Treatment measures	Repair work NO.