

DT-5024A (2ND) USB 2.0 to RS232 Dual Serial Port Cable



Product Driven

<http://www.dtech.cn/upload/drive/PL2303Drive.zip>

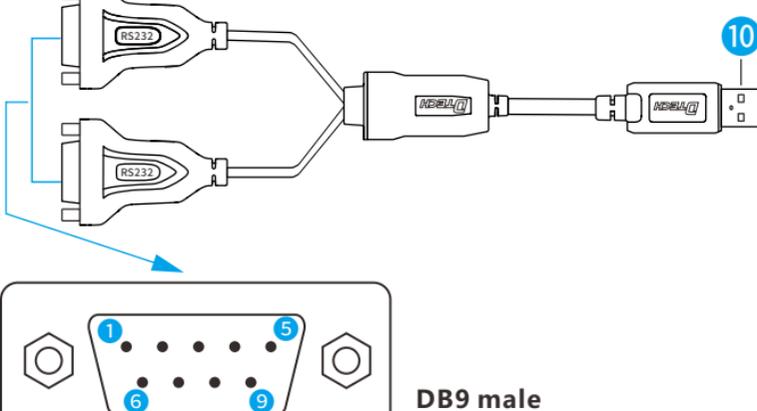
I. Product overview

This product is an enhanced two-channel universal asynchronous receiver and transmitter transmission standard USB2.0 to RS232 dual serial port product. The USB interface fully complies with the full-speed USB 2.0 specification and supports full-speed data transmission rate. The serial port complies with the RS232 standard interface. The wire contains aluminum foil braided mesh double shielding, strong anti-interference and more stable signal. It can be used for RS232 serial port devices such as tax control machines, CNC machine tools, industrial machinery, instruments, barcode machines, etc.

II. Function parameters

1. The interface complies with RS232 standard, supports two serial ports to be used simultaneously, and supports baud rate up to 1Mbps.
2. Supports large byte data: 128 byte sending, 384 byte receiving.
3. Supports 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. Supports handshake protocol control, MODEM contact signals 1: DCD, 2: RXD, 3: TXD, 4: DTR, 5: GND, 6: DSR, 7: RTS, 8: CTS, 9: RI.
6. Anti-electromagnetic interference design, USB bus self-powered, plug and play.
7. Circuit integrated ESD protection: ±15KV IEC1000-4-2 air gap discharge, ±8KV IEC1000-4-2 contact discharge.
8. Support Windows, Linux, Mac, Android and other systems.

III. Interface description

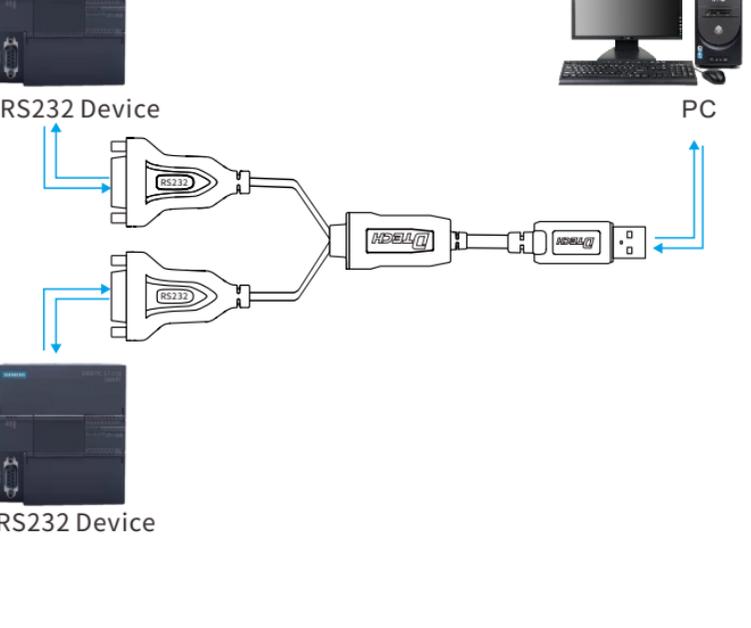


DB9 male connector definition

NO	DB9 Type	Communication Code	Transmission direction	Functional Description
1	DB9 Male	DCD	I	Carrier detect
2		RXD	I	Data receive
3		TXD	O	Data send
4		DTR	O	Data terminal ready
5		GND	/	GND
6		DSR	I	Data device ready

7	DB9 Male	RTS	O	Request to send
8		CTS	I	Clear to send
9		RI	I	Ring indicator
10	USB 2.0	/	/	USB2.0 A male

IV. Product connection diagram



V. Product usage scenarios

In industrial production lines, many devices such as PLC (Programmable Logic Controller), inverter, sensor, etc. usually use RS232 serial port for communication. When the computer or other control device only has USB interface, using USB2.0 to RS232 dual serial port cable can easily connect multiple serial port devices to the computer to realize monitoring, programming and data collection of these devices, thereby realizing the control and management of automated production process.



VI. Product accessories

1. One USB2.0 to RS232 dual serial port cable

Product Warranty Card

Customer Information

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

Intenance Records

Repair times	Date	Fault	Treatment measures	Repair work NO.

Electronic products are guaranteed for one year, and other products are guaranteed for two years. Damage caused by human factors or product burnout caused by improper operation is not included in the scope of warranty.