

## USB TO RS232/422/485 CONVERTER



## USB TO RS-485/422/232 CONVERTER INDUSTRIAL.

## INTRODUCTION

MODEL UT-502 Is A RS-232 To RS-485/422 Interface Converter That Can Achieve Bidirectional Conversion Between RS-232 And RS-485/422. It Provides 1 RS-232 Serial Port And 1 RS-485/422 Serial Port. The RS-485/422 Supports Serial Port Self-Adaption Technology That Can Identify RS-485/422 Serial Port Automatically Without The Need Of Setting The Switch. Serial Ports Are Equipped With 1500W Surge Protection, 15kv Electrostatic Protection And 2500V Photoelectric Isolation Protection, Which Can Effectively Avoid Surge And Lightning Strike. The Device Also Adopts Wall Mounting, Which Can Meet The Requirements Of Different Scenes. Hardware Adopts Fan Less, Low Power Consumption, Wide Temperature And Voltage Design. It Can Be Wildly Used In Indoor And Outdoor System Like Attendance, Entrance Guard, Cloud Platform Control, Etc.

## FEATURE

- ✦ Power 9VDC Input, 2500V Optical Isolation.
- ✦ Plug-And-Play (Hot-Pluggable, Data Format Auto-Sensing & Self-Adjusting).
- ✦ Data Direction Auto-Turnaround, No Flow Control Is Necessary.
- ✦ Surge Protection 1500W, 15KV ESD Protection.
- ✦ 1800M Transfer Distance (115200bps).
- ✦ RS-485/RS-422 Connector RJ45, DB9M Or 5 Bit Terminal Block.

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## TECHNICAL SPECIFICATION

SERIAL PORT	Standard:	EIA RS-232C, RS-485, RS-422
	Serial port quantity:	1 RS-232 serial port, 1 RS-485/422 serial port
	RS-232 signal	D+, D-, GND, RS-422 signal: T+, T-, R+, R-, GND
	Baud Rate:	300bps~115200bps
	Data Bit:	7bit, 8bit
	Stop Bit:	1bit, 2bit
	Parity Bit:	None, Even, Odd, Space, Mark
	Interface Type:	RS-232 serial port, adopts DB9♀Female
		RS-485/422 serial port, adopts 5-pin 5.08mm pitch terminal block
	Transmission Distance:	Transmission distance: RS-232 serial port, 15m
		RS-485/422 serial port, 1200m
	Direction control:	RS-485 adopts automatic data flow control technology
		which can detect and control the direction of data transmission
USB PORT	Standard:	USB 1.1, USB 2.0
	Quantity Of Interfaces:	1 USB interface
	USB Signal:	VCC, DATA+, DATA-, GND
	Transmission Rate:	high speed 480Mbps, full speed 12Mbps
	Interface Type:	USB A-type socket, Male
	Transmission Distance:	5m
LED INDICATOR	Power Supply Indicator, Serial Port Data Sending/Receiving Indicator	
POWER REQUIREMENT	Support Optional USB Interface Power Supply Or 9~48 V DC Power Supply, They Could Power The Device Simultaneously	
POWER CONSUMPTION	Static power consumption :	<=80 mA
OPERATING SYSTEM	Windows 2000/Server 2003/XP/Vista/Server 2008/7, Windows XP Embedded,	
	Windows CE 4.2/5.0/5.2/6.0, Linux (above version 2.4), MAC OS-X	
PHYSICAL CHAR.	Housing:	Plastic Dimension (W x H x D): 62.4 mm X 22 mm X 93 mm - 200 gm.
CERTIFICATION	CE	

## DIMENSION (MM)

