

RS485 SIGNAL REPEATER - ISOLAED**RS-485 SIGNAL REPEATER & RS-232 CONVERTER****INTRODUCTION**

UT-506 Is A USB To RS-232/485/422 Interface Converter, Which Can Achieve Bidirectional Data Conversion Between USB Interface And RS-232/485/422 Serial Ports. The Product Supports 1 USB Interface And 1 RS-232/485/422 Serial Port. RS-485/422 Supports Serial Port Self-Adaption Technology, Which Can Identify RS-485/RS-422 Serial Port With No Need Of Switch Setting. Serial Port Is Equipped With 8 kV Electrostatic Protection And 2 kV Isolation Protection, Which Can Effectively Protect The Device From Damage. It Adopts Wall Mounting To Meet The Requirements Of Different Application Fields.

The Product Provides Matched Driver Program Software; USB Interface Connected To PC Will Make Up A Serial COM Port In The Computer System Automatically. PC Host Can Communicate With RS – 232 / 485 / 422 Serial Devices Via Virtual COM Port.

Hardware Adopts Finless, Low Power Consumption, Wide Temperature And Voltage Design And Has Passed Rigorous Industrial Standard Tests, Which Can Suit For The Industrial Scene Environment With Harsh Requirements For EMC. It Can Be Widely Used In PLC, Industrial Automatic Control, IC Card Toll Collection System, And Data Acquisition Control System, Etc.

FEATURE

- ✦ Convert USB To RS-485 Or RS-232 Or RS-422.
- ✦ RS-485/RS-422 Can Establish At Most 62 Nodes.
- ✦ Low CPU Occupation Rate, Steady Performance.
- ✦ Serial Port Support 2 kVA Isolation Protect.
- ✦ Plug And Play 9-48 V DC External Power Supply.
- ✦ Self USB Power Supply Or Both Of Them.
- ✦ RS-485/RS-422 Transmit Distance Can Reach Up To 1200m.

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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	TXD, RXD, GND
	RS-485 Signal:	485+, 485-, GND
	RS-422 Signal:	T+, T-, R+, R-, GND
	Baud Rate:	110bps~115200bps
	Data Bit:	8bit
	Stop Bit:	1bit, 1.5bit, 2bit
	Check Bit:	None, Odd, Even, Mask, Space
	Interface Type:	RS-232 serial port, adopts DB9, Female
		RS-485/422 serial port, adopt 5-pin 5.08mm pitch terminal blocks, Db9 Male or RJ45.
	Transmission Distance:	RS-232 serial port, 15m
		RS-485/422 serial port, 1800m (115200bps)
	Direction Control:	RS-485 adopts automatic data flow control
		technology which can detect and control data transmission direction automatically.
	Load Capacity:	RS-485 supports 32-point polling environment
		(128-point could be customized)
	Interface Protection:	1500W surge protection, 15kV electrostatic protection
	Photoelectric Isolation:	2500V
LED INDICATOR	Power Supply Indicator, Serial Port Data Sending/Receiving Indicator	automatically
POWER REQUIREMENT	12-36 V DC, DC Round Head - External Power Supply	
POWER CONSUPTION	Static Power Consumption :	<=80 mA
ENVIRONMENTAL LIMIT	Operating Temp.:	-20~60°C, Storage temp.: -25~85°C
PHYSICAL CHAR.	Housing:	12-36 V DC, Round Head - External Power Supply
CERTIFICATION	CE	

DIMENSION (mm)

