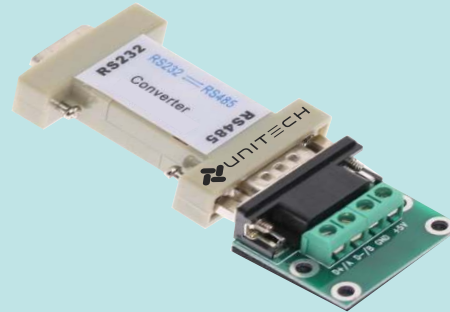# UT-502

UNITECH

RS232 TO RS485 CONVERTER

CE

RS-232 TO RS-485 ISOLATED CONVERTER

RS-232 TO RS-485 NON-ISOLATED CONVERTER

INTRODUCTION

UT-502 is passive pocket USB to RS-485/422 interface converter, which can achieve bilateral switching of data between USB interface and RS-485/422 serial port without external power supply. This series include 2 optional products and provide 1 USB interface, 1 RS-485 or 1 RS-485/422 serial port Interface is equipped with 600W surge protection and 15kV electrostatic protection, which can effectively protect the device from damage.

UT-501 provides matched driver program software; USB interface connected to PC will make up a serial COM port in the computer system. PC host can communicate with RS-485/422 device via virtual COM port.

UT-501 have compact size and are easy for installation. Specific LED indicator is convenient for judging signal conversion. It can be widely used in industrial control automation system, bar-code scanner,PLC and PLD, PDA (WinCE system), label printer, POS system, data acquisition control system, security access control system, etc

FEATURE

✦ Small Volume, Easy Installation.

✦ No Power Supply Needed, Plug And Play.

✦ Single Chip (ASIC) USB Port To Serial Port Communication.

✦ Transmit Distance Reach Up To 1800M At The Rate Of 115200bps.

✦ Automatic Send Data Control, Auto Distinguish And Sense Direction Adopt Data Transfer.

✦ Auto Sense Serial Signal Rate, Zero Delay Automatic Transmit.

www.utplindia.in

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UNITECH TECHNOCRATS PVT LTD
FACTORY:- 78/1/Z/3-Makarpura GIDC.
N/R Vadasar Bridge. o/p-Gayatri temple
VADODARA - 390010 - INDIA

RS232 TO RS485 CONVERTER

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	9 V 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 :**	Plastic Dimension (W x H x D): 33mm×18mm×72mm
CERTIFICATION	CE	

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