



## ◆ USB to RS-485/422 Converter

### ➤ Features

- 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



### ➤ Introduction

MWU40 is a kind of USB to RS-485/422 industrial intelligent converter. It is the best solution for the communication between USB and RS-485/422. Compared with RS-232 to RS-485/422 converter, USB to RS-485/422 converter has many advantages.

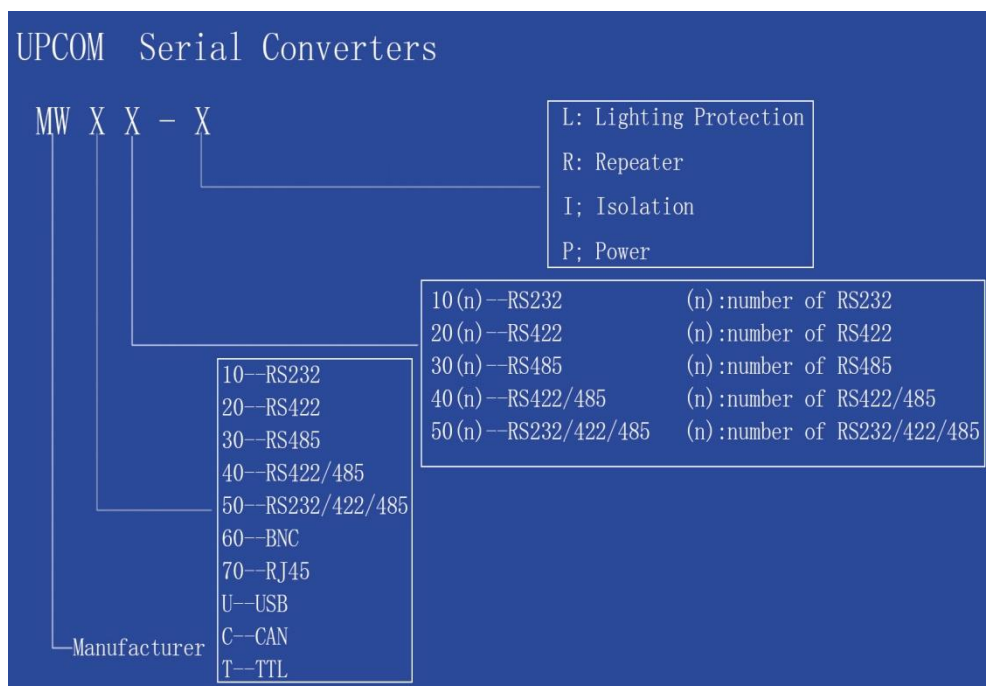


### ➤ Specification

<b>Technology</b>	
Compliance	USB1.1/2.0 compliant
Connector	USB type A
Speed	12Mbps (Full-speed USB)
<b>Serial interface</b>	
Numbers of ports	1
Serial standards	RS485/422
Connector	DB9 male
Serial Line protection	
ESD Protection	15KV embedded
Baud rate	300bps to 230400bps
<b>Serial Communication Parameters</b>	
Data Bites	5, 6, 7, 8
Stop Bits	1, 1.5, 2
Parity	None, Even, Odd, Space, Mark
Flow Control	RTS/CTS, XON/XOFF
FIFO	128bytes
<b>Serial Signals</b>	
RS-485	D+,D-,GND
RS-422	T+, R+, T-, R-,GND
Loading	32 nodes or custom 128 nodes
Transmission	RS-485 1800M(115200bps), USB 5M
Operating System	Support Windows98/ME and Windows2000/XP, Windows Server 2003/2008, Windows 7/Vista, Linux, Unix
<b>Physical Characteristics</b>	

Weight	Products only: 70g, Packaged: 120g
Dimension	70mm×35mm×18mm(wiring 1.5m)
<b>Environment</b>	
Working temperature	-20 to 60°C
Storage temperature	-25 to 85°C
Humidity	Relative humidity 5% to 95%
Power	No power supply needed, powered from USB
Consumption	Static consumption less than 80mA, dynamic average consumption less than 150mA
Warranty	5 years
Approvals	FCC, CE, RoHS approvals

## ➤ Ordering Information



## ➤ Packing List

- MWU40 × 1
- CD for software × 1
- User manual × 1