



## USB to RS485/422 interface converter

### ➤ Features

- Support USB to RS-485/RS-422 Converter;
- Fully compliant with USB 2.0 specification;
- Support multiple operating systems such as WIN98/2000/XP;
- Plug and play (hot-pluggable);
- Support remote wake up and power management;
- Unique serial protector circuit, anti-static, anti-lightning strike, surge suppression function;
- Built-in intelligent module, auto recognizes RS422/RS485 signal flow, zero delay;
- USB port powered, no external power is required;
- Warranty:3years



### ➤ Introduction

The UP-USB-2 is an USB to RS-485/RS-422 converter with power supply from USB port that no need external power supply, which can be used to convert any standard USB port into a two-wire RS485 port, or a four-wire RS422 port, adopt unique serial protection circuit, static & lightning & protection and surge suppression effectively avoid damage caused by lightning strikes, surges and other factors.

UP-USB-2 supports serial data rates up to 12Mbps, auto-sensing and self-adjusting, no DIP switch or jumpers are required, which widely used in intelligent power management, power system automation, water conservancy monitoring, industrial automation, distributed data acquisition and other occasions.

### ➤ Application Industries

- Industrial Automation
- Intelligent transportation supervisory system (ITS)
- Long-distance broadcast television transmission system
- Electric Power Industry
- Rail transportation industry
- Power system automation
- Water conservancy monitoring
- Distributed data acquisition

## ➤ Specification

Technical parameters	
Standard	Meet USBV1.0/2.0 standard
	Compliant with EIA RS-485, RS-422 standards
Connector	USB: USB female
	Serial port: Industrial terminal block
Baud Rate	300bps~12Mbps
LED Indicator	
Power indicator	POW(Red): Always light up when the power is connected properly
Serial port Indicator	Flashes when data is being sent or received
Power	
Power Supply	Powered by the USB interface
Interface	USB female
Power consumption	≤1W
Physical Characteristics	
Shell	DB9 plastic case
Dimension	33mm×13mm×26mm
Weight	50g
Transmission distance	
Serial port line	RS-422/RS-485, 1.2km@9600bps
Working Environment	
Working Temp	-40~85°C
Storage Temp	-40~85°C
Relative Humidity	5%~95% (no-condensation)
Warranty	
Warranty	3 Years
Certification	CE, FCC, RoHS

## ➤ Ordering Information

Model NO.	Description
UP-USB-1	USB to RS-232 Converter
UP-USB-2	USB to RS-485/422 Converter
UP-USB-4	Industrial USB to RS232/RS485/ RS422 interface converter

## ➤ Packing List

- USB to RS-485/422 Converter \*1
- User manual \* 1
- Certificate of quality \* 1
- Warranty card \* 1