

MWE820B

USB to RS232/485/422 Converter



- Support 1 USB to 1 RS232/485/422 serial port
- Comply with USB2.0 standard, support hot swap, USB interface powered
- Support 0~12Mbps baudrate adaptive, 128-node terminal devices communication
- Support automatic identification of RS485 data flow direction and zero-delay automatic forwarding
- Support 15kV electrostatic protection and 600W/ms lightning protection
- -40°C~+85°C working temperature



Product Description

The MWE820B converter is a USB to RS232/485/422 interface converter that can realize bidirectional data conversion between USB and serial port without external power supply. This product supports Linux v2.4, Windows98/2000/XP/2003/7 and Mac OS8/9 and other operating systems and provides supporting drivers. It can expand the USB interface to RS232/485/422 serial port, and adopts a unique serial port protection circuit has anti-static, anti-lightning and surge suppression functions. It features built-in intelligent module, automatically identifies the direction of RS485 data flow, automatically forwards with zero delay, and adapts to 0~12Mbps baud rate. Industrial-grade design, with high and low temperature resistance, which can operate stably in -40°C~+85°C temperature environment. The hardware adopts fanless, low power consumption, and wide temperature design, and can be widely used in indoor and outdoor systems such as attendance, access control, PTZ control, food vending, and parking lots.

☑☑☑ Specification

Interface	
USB	Standard: Comply with USB2.0 standard Number of interfaces: 1 USB2.0 Connection method: Type-B USB (Female) Operating system: Linux v2.4 and above, WIN98/ 2000/ XP/ 2003/ 7, Mac OS8/9
Serial Port	Standard: Comply with EIA RS232, RS485, RS422 standards Number of interfaces: 1 RS232/485/422 RS232/485/422 signal: TX, RX, GND, A+, B-, TX+, RX+, TX-, RX- Baud rate: 0~12Mbps Load capacity: RS485/422 supports 128 node polling, RS232 supports point-to-point Direction control: automatic identification of data flow direction, automatic forwarding with zero delay Communication Distance: RS485/422: 1.5km, the higher the rate, the shorter the distance Connection method: 10-pin 5.08mm pitch terminal block Interface protection: 15kV electrostatic protection, 600W/ms lightning protection
Status LED	Power indicator Serial port sending data indicator Serial port receiving data indicator
Power Supply	
Input Voltage	USB interface powered
Working Current	<2W
Physical Characteristics	
Dimensions	103×72×34mm (DIN rail clips excluded)
Installations	Easy installation on 35mm DIN rail
Weight	About 0.1kg
Working Environment	
Operating Temperature	-40℃~+85℃
Storage Temperature	-40℃~+85℃
Relative Humidity	5%~95% (non-condensing)
Industrial Standard	

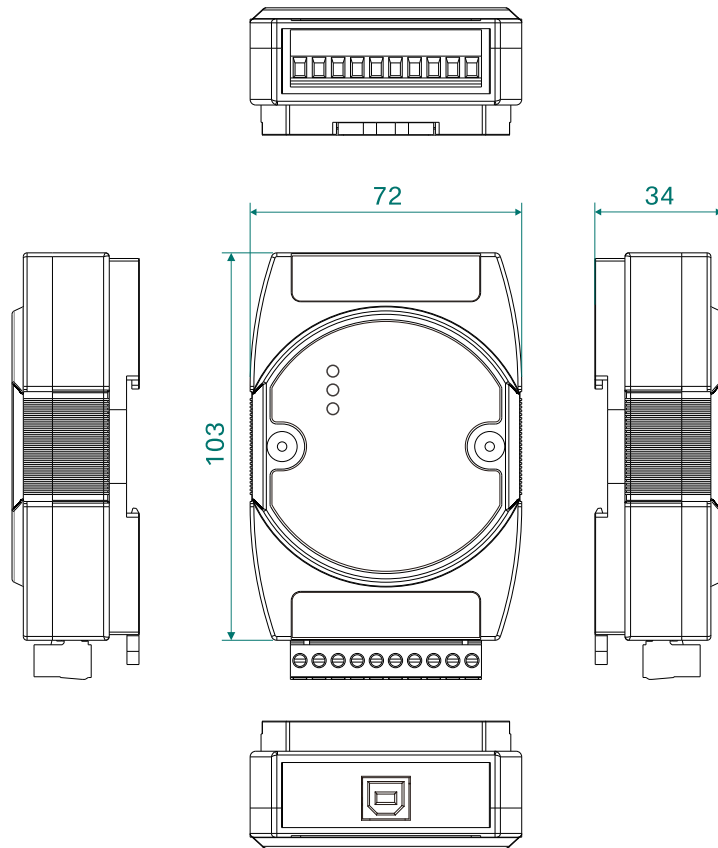
 Specification

Certification	CE, FCC, RoHS
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Dimensions

Unit:mm



Ordering Information

Standard Model	USB	RS232/485/422	Power Supply
MWE820B	1	1	USB



Contact Us

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