

MWE820B

USB to RS485/RS422 Interface Converter

Product description

The MWE820B is an industrial level USB to RS-232/485/422 converter with power supply from USB port that no need external power supply. USB and RS-485/422 interface converter realizes the conversion between USB and RS-485/422 signals, so that the USB interface of the monitoring console can be connected with up to 4 RS-232/RS-485/422 device communication, this plug-and-play USB solution is ideal for applications in the mobile, measurement and data acquisition industries.



Features:

- Fully compliant with USB 2.0 specification, support hot swap;
- Support multiple operating systems such as WIN98/2000/XP/7 Apple OS8/OS9;
- Support long-distance awoken and power manage;
- Unique serial protection circuit, static & lightning & protection and surge suppression;
- Built-in intelligent module, auto recognizes RS422/RS485 signal flow, zero delay automatic forwarding technology;
- Industry level designing, preferred imported components and all surface adhibit technique.

Product specifications

Technical parameters	
Standard	Meet USB 2.0 standard; Compliant with EIA RS-232, RS-485, RS-422 standards
Interface	
Interface form	USB: USB female Industrial terminal block
Communication rate	
Baud Rate	300bps~12Mbps
LEDs	
Power indicator	POW(Red): Always lit when the power is connected normally
Serial port transceiver indicator light	Flashes when data is being sent or received
Power	
Power Supply	Powered by the USB interface
Interface	USB female
Power consumption	≤2W
Physical Characteristics	
Shell	DIN rail shell
Dimension	113mm×34mm×72mm
Transmission distance	
Serial port line	RS-232, 15m@9600bps RS-422/RS-485, 1.2km@9600bps
Working Environment	
Operating Temperature	-40°C~85°C
Storage temperature	-40°C~85°C
Ambient Humidity	5%~95%
Warranty	
Warranty	5 Years
Certification	
Certification	CE, FCC

Order information

MWE820B

USB \leftrightarrow RS485/422, terminal interface type, USB power supply isolation type, outside Adam Shell, Din- rail type