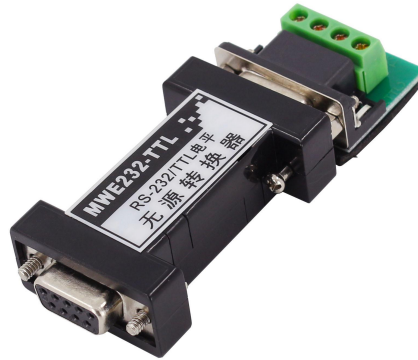# RS232/485 To TTL Bus adapter

MWE232-TTL/MWE485-TTL

◆Advanced serial port stealing technology, efficiency is over 95%;

◆TTL level signal positive and negative logic optional;

◆Built-in intelligent module to automatically identify RS-485 signal flow;

◆RS-485 supports 128-node polling network structure;

◆Unique serial port protection circuit with hot plug;

◆Signal line 600W/ms anti-lightning protection and 15KV anti-static protection;

◆Transparent transmission, baud rate adaptive, no need to change user agreement.

Product Description

RS-232/485 and TTL interface converter: The main function is to realize the bidirectional mutual conversion between TTL signal and RS-232/485 signal. The series products are powered by serial port stealing or external power supply, which has small size and transmission. Long distance, stable performance and other characteristics. At the same time, the series of products are easy to install and meet the needs of industrial field serial port data conversion, and are widely used in intelligent power management, intelligent traffic bayonet, water conservancy monitoring, industrial automation, industrial automation and other systems.

Technical Specification

Technical parameters	
Standard	Compliant with EIA RS-232, RS-485 standards
Interface	
Interface form	RS-232: DB9 interface RS-485: Industrial terminal block TTL terminal: Industrial terminal block
Communication rate	
Baud rate	300bps～115.2kbps
Power	
Power supply	Serial Port Powered, external DC5V power supply
Interface	DB9 interface, industrial terminal block
Physical Characteristics	
Shell	DB9 plastic case
Dimension	87mm×17mm×33mm (Length × height × width) (MWE232-TTL) 87mm×17mm×33mm (Length × height × width) (MWE485-TTL)
Weight	0.04kg (MWE232-TTL/MWE485-TTL)
Transmission distance	
Serial port line	RS-232,15m@9600bps RS-485, 1.2km@9600bps
Working Environment	
Operating Temperature	-40℃~85℃
Storage temperature	-40℃~85℃
Ambient humidity	5%~95%
Warranty	
Warranty	5 Years
Certification	
Certification	CE, FCC

Product Ordering Information

Order-info	Data Interface	Transmission rate	Power supply
MWE232-TTL	RS232 to TTL	300bps ~ 115.2Kbps	Serial port powered
MWE485-TTL	RS485 to TTL	300bps ~ 115.2Kbps	External DC5V power supply