

MWE485-HUB8

RS232/485/422 to 8 RS485/422 Full-isolation HUB Converter



- Support conversion between one master station RS232/485/422 and 8 slave stations RS485/422
- Support auto-sensing baud rate 300bps to 115200bps
- Support separate optical isolation between the master/slave and slave/slave stations
- Support auto recognition of RS485 data flow direction and 0 delay auto forwarding
- Comprehensive fault-tolerant mechanism, one node damage does not affect other nodes
- Support 15kV static protection and 600W/ms lightning protection
- Support 8x128 nodes multi-machine communication
- Support DC5V power input
- Working temperature from -40 °C to +85 °C



Product Description

The MWE485-HUB8 is a rack-mount serial port full-isolation hub converter that supports bidirectional transparent conversion between one RS232/485/422 master station and 8 RS485/422 slave stations. It can improve the RS485 bus structure, increase the load capacity and transmission distance of RS485. It supports DC5V power input and rack-mounting installation method to meet the needs of various industry. It provides a RS-485 star connection mode, which can bring great convenience to network layout. The fanless and low-power hardware design supports a wide temperature range of -40 °C to +85 °C, suitable for various harsh industrial environments. It can be widely used in indoor and outdoor serial field-bus systems.



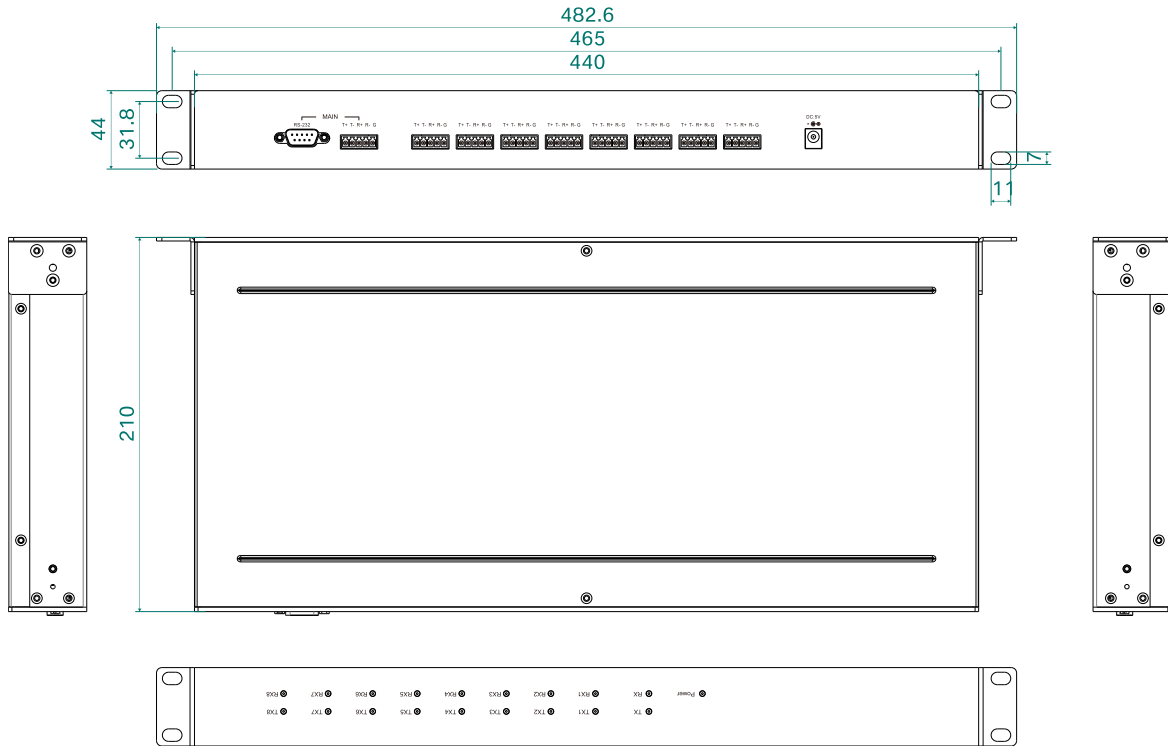
Specification

Interface	
Serial Port	<p>Standard: Compliant with EIA RS232,RS485 and RS422 standards</p> <p>Number of port: 1 master station RS232/485/422 and 8 slave stations RS485/422</p> <p>RS232 signal pins: TX, RX, GND</p> <p>RS485/422 signal pins: TX+, RX+, TX-, RX-</p> <p>Baud rate: 300bps~115200bps</p> <p>Communication distance: 1.2km (19200bps), the higher the rate, the shorter the distance</p> <p>Load capacity: Each RS485/422 station supports 128 nodes polling</p> <p>Direction control: RS485 data flow direction auto recognition, zero delay auto forwarding</p> <p>Connection method: RS232: DB9M, RS485/422: 4-pin terminal block</p> <p>Port protection: 15kV static protection and 600W/ms lightning protection</p> <p>Optical isolation: 2.5kV between the master/slave and slave/slave stations</p>
Status LED	Power LED, data sending LED, data receiving LED
Power Supply	
Input Voltage	DC5V
Power Consumption	<2W@DC5V(full load)
Connection	DC circular socket
Physical Characteristics	
Dimensions	482.6×44×210(mm)(including mounting brackets)
Installations	Standard 19-inch 1U Rack Mount
IP Code	IP40
Weight	About 2.5kg
Working Environment	
Operating Temp	-40℃~+85℃
Storage Temp	-40℃~+85℃
Relative Humidity	5%~95% (non-condensing)



Dimensions

Unit: mm





Ordering Information

Standard Model	Master Station RS232/485/422	Slave Station RS485/422	Power Voltage
MWE485-HUB8	1	8	DC5V



Contact Us

Wuhan Maiwe Communication Co., Ltd

Address: No.52 Liufang Avenue, East lake High-tech Development Zone, Wuhan, China.

Tel: 027-87170217

Mail: enquiry@maiwe.com

Official site: www.maiwe.com

Copyright © Maiwe Communication All rights reserved