

## MWE485-HUB4

### 4\*RS232/485/422 Full-isolation HUB Converter



- Support conversion between one master station RS232/485/422 and 4 slave stations RS232/485/422
- 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 4x128 nodes multi-machine communication
- Support DC5V power input
- Support working temperatures from -40 °C to +85 °C



### Product Descriptions

The MWE485-HUB4 is a serial port full-isolation hub converter that supports bidirectional transparent conversion between one RS232/485/422 master station and 4 RS232/485/422 slave stations. It can improve the RS485 bus structure, increase the load capacity and transmission distance of RS485. It supports DC5V power input and wall-hanging 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.

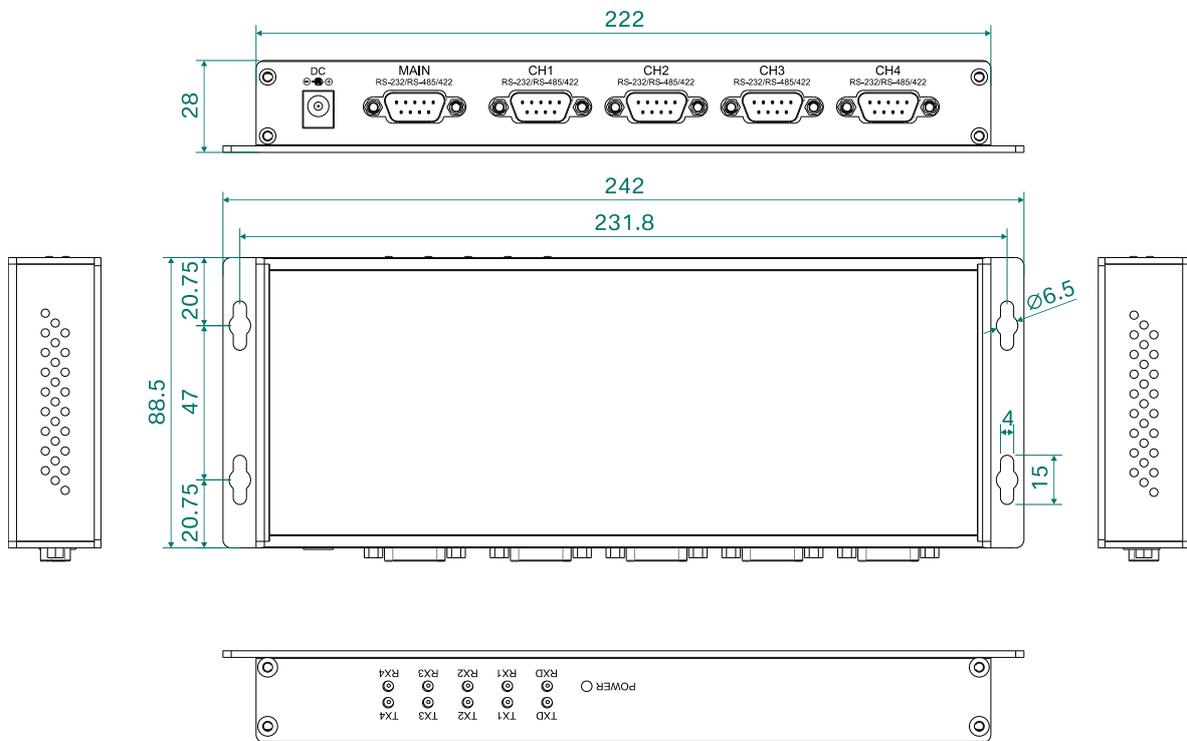
## ☑☑☑ Specification

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 4 slave stations RS232/485/422</p> <p>RS232/485/422 signal pins: TX+, RX+, TX-, RX-, GND, TX, RX</p> <p>Baud rate: 300bps~115200bps</p> <p>Communication distance: 1.2km (9600bps), 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: DB9M</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	
Power Input	DC5V
Working Current	<2W@DC5V
Connection	DC circular socket
Physical Characteristics	
Dimensions	214×92×29(mm)(including mounting brackets)
Installation	Wall mount
Weight	About 0.5kg
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 RS232/485/422	Power Voltage
MWE485-HUB4	1	4	DC5V

### Contact Us

#### WUHAN MAISVCH TECHNOLOGY CO.,LTD

Address: Chuangxinghui Free Trade Finance Building, No.777 Optical Valley 3rd Road, East Lake High-tech Development Zone, Wuhan, Hubei, China.

Mail: [sales@maisvch.com](mailto:sales@maisvch.com)

Official site: [www.maisvch.com](http://www.maisvch.com)

Copyright © Maisvch Technology All rights reserved