

CSE485-HUB8

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



- Support conversion between 1 × master station RS232/485/422 and 8 × slave stations RS485/422
- Support baud rate 300bps to 115200bps
- Support separate optical isolation between the master/slave and slave/slave stations
- Support automatic RS485 data flow direction detection with zero-delay automatic 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

CSE485-HUB8 is a rack-mount serial port full-isolation hub converter that supports bidirectional transparent conversion between 1 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.

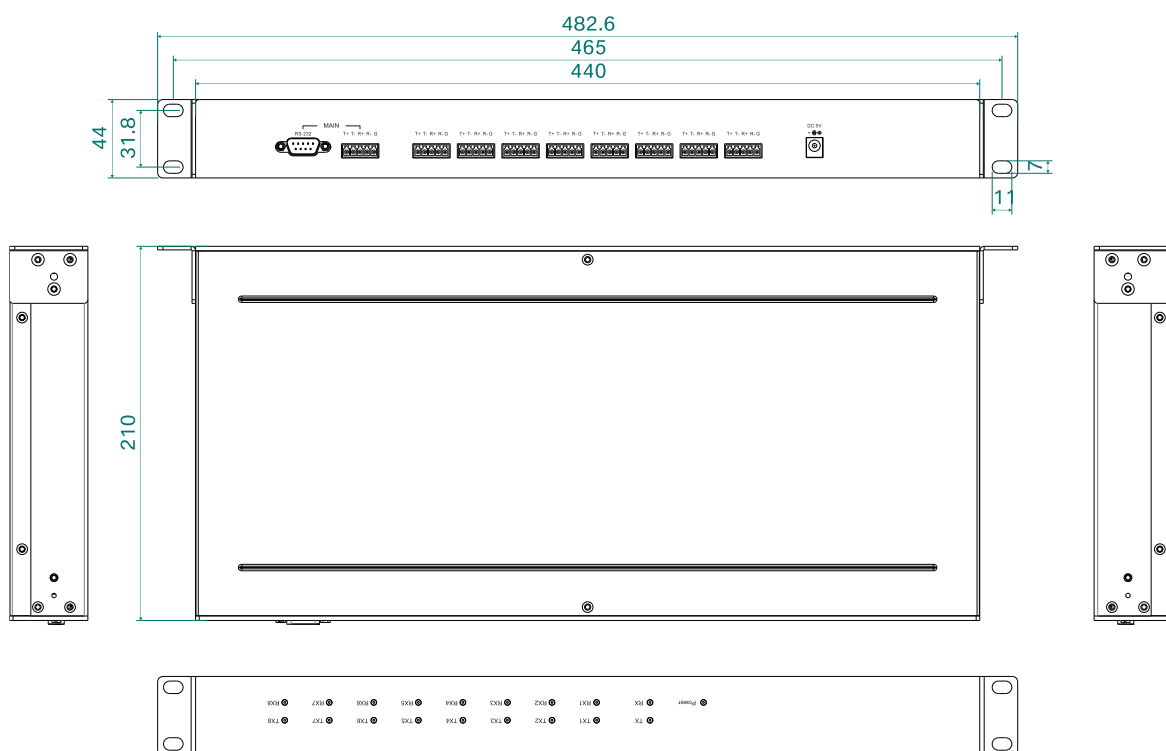
Technical Specifications

Interface	
Serial Port	Standard: Compliant with EIA RS232, RS485 and RS422 standards Number of port: 1 master station RS232/485/422 and 8 slave stations RS485/422 RS232 signal pins: TX, RX, GND RS485/422 signal pins: TX+, RX+, TX-, RX- Baud rate: 300bps~115200bps Communication distance: 1.2km (19200bps), the higher the rate, the shorter the distance Load capacity: Each RS485/422 station supports 128 nodes polling Direction control: RS485 data flow direction auto recognition, zero delay auto forwarding Connection method: RS232: DB9M, RS485/422: 4-pin terminal block Port protection: 15kV static protection and 600W/ms lightning protection Optical isolation: master/slave and slave/slave stations
Status LED	Power indicator, serial port transmit data indicator, serial port receive data indicator
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°C ~+85°C

Storage Temp	-40°C~+85°C
Relative Humidity	5%~95% (non-condensing)

Dimensions

Unit: mm



Ordering Information

Standard Model	Master Station RS232/485/422	Slave Station RS485/422	Power Voltage
CSE485-HUB8	1	8	DC5V



Contact Us

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