

MWE485-HUB4

1-port RS232/485 to 4-port RS485 passive isolated HUB

Product description

The MWE485-HUB4 achieves the conversion of 1port RS-232/485/422 to 4ways RS-232/RS-485/422 in high rate with full optic-isolation at both full-duplex or half-duplex models. It supports to long distance communications above 2km and multi-drops (4×128 nodes). This HUB can be used for RS-232/485 conversion or extending the communication ability for RS-485 Bus



Features:

- Both ends of the signal maintain photoelectric isolation;
- Completely error contained, one slave node error does not affect others;
- Support 128×4 Or 128×8 nodes polling network structure;
- Automatic identification RS-485 signal flow direction, zero delay automatic forwarding;
- Industry level designing, preferred imported components.

Product specifications

Technical parameters

Standard	Compliant with EIA RS-232, RS-485, RS-422 standards
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Interface

Interface form	DB9 pin
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Communication rate

Baud Rate	300bps~115.2kbps
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LEDs

Power indicator	POW(Red): Always lit when the power is connected normally
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Serial port transceiver indicator light	≡(Green): Flashes when data is being sent or received
	≡(Yellow): Flashes when data is being sent or received

	TX, RX, TX1-TX4, RX1-RX4
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Power

Power Supply	External DC5V power supply, external DC9~30V power supply
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Interface	BNC plug
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Physical Characteristics

Shell	Aluminum shell
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Dimension	214mm×29mm×92mm
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Weight	0.5kg
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Transmission distance

Serial port line	RS-232, 15m@9600bps
	RS-422/RS-485, 1.2km@9600bps

Working Environment

Operating Temperature	-40°C~85°C
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Storage temperature	-40°C~85°C
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Ambient Humidity	5%~95%
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Warranty

Warranty	5 Years
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Certification

Certification	CE, FCC
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Ordering information

Item No.	Conversion mode		Transmission rate	Power supply	Installation
	Main port	Slave port			
MWE485-HUB4	RS232 RS485 RS422	4 way RS232/RS 485/RS422	300bps~115.2Kbps	External DC5V power supply	Aluminum alloy case, desktop installation