

EB-101-S-I

1-Port RS-232 To RS-422/485 Converter

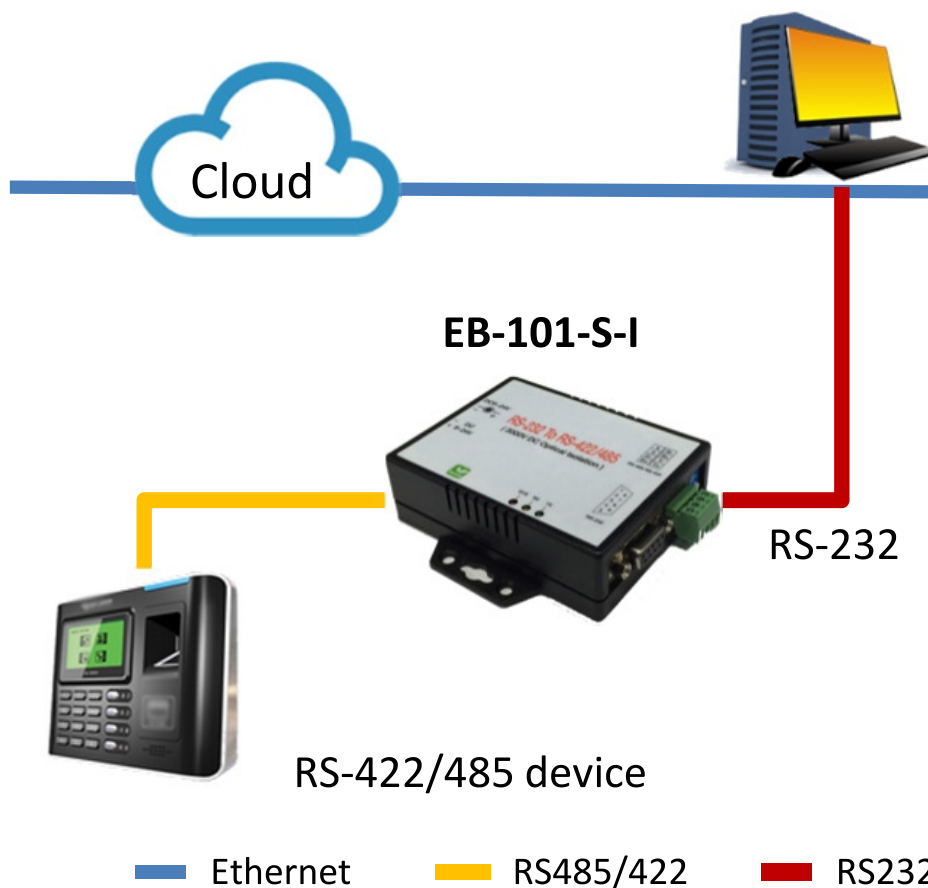


Feature

- Plug & Play installation
- 3000V DC isolation protection
- Built in 15KV ESD protection for signals
- RS-422/485 surge & over current protection
- Built in 100 ohm Termination resistor
- Dual modes power input – DC jack / Terminal Block



Application Note :



Specification

Serial Interface

Port Type	RS-232 x 1 Port (DB9) or RS-422/485 x 1 Port (4-pin Terminal Block, Auto Select)
Connector	Male DB9 / 4-pin Terminal Block
Speed	300 bps ~ 230.4 Kbps
Parity	None , Odd , Even , Mark , Space
Data Bit	5, 6 , 7 , 8
Stop Bit	1 , 2
RS-232	Rx , Tx , GND (RTS to CTS, DTR to DSR and DCD are shorted)
RS-422	Rx+ , Rx- , Tx+ , Tx-
Built-in	RS-422/485 pull high / low Resistor
Protection	422/485 Surge Protection Built in 15KV ESD protection for all signals
Isolation	3000V DC Optical isolation protection
Termination	Built in 100 Ohm Termination resistor
Resistor	switch On/Off
Distance	Up to 1250m

Power

Input	DC 9 ~ 24V, 150mA@ 12VDC
Dual Mode	2-pin screw terminal & DC jack adapter
Consumption	<2w
Protection	3000V DC to DC isolation protection Wrong polarity input protection
LED	SYS (PWR), Rx, Tx

Environment

Temperature	Operating: 0°C ~ 70°C (32°F ~ 158°F) Storage: -20°C ~ 80°C (-4°F ~ 176°F)
Humidity	Operating: 10% ~ 95% non-condensing Storage: 5% ~ 95% non-condensing

Dimension

Case Dimension	88 x 91 x 27 mm (W x D x H)
Weight	94g

Regulatory Approvals

RoHS	Compliance
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Warranty

Warranty period	1 year
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Ordering Information

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