

RS 232 to RS 485 / RS 422 Converter

- The CONV - 485 M converts the RS 232 Serial Port Signals to RS 485 (or RS 422) signals for long distance driving and for interfacing devices supporting RS 485 or RS 422 ports.
- CONV - 485 M is available as an External Standalone Unit enclosed in a plastic casing, which takes power from the supplied Power Adaptor.
- The Converter is populated with Surface Mount Components for good reliability and to reduce the size. At the same time, it is equipped with powerful and reliable Isolation to Data signals and Protection to Serial Port from any high voltage (1500 VA) appearing in RS 485 side.

CONV 485 - M



Features & Specifications

Serial Interface	
Interface	RS 232, RS 485, RS 422
Connectors	9 Pin D-Type for RS 232, 5 way screw terminal for RS 485 and RS 422.
RS 485	
Maximum number of drivers	256
Maximum number of	256
Maximum cable length (RS	1220 m
Maximum cable length (RS	15 m
Signal Isolation	Provides optical Isolation to serial port signals.
Power Isolation	>3000V Isolation between the RS 485 and RS 232.
Baud Rate	300 to 115200 baud. Can support higher speed for shorter distances.
Indicators (LED)	
Power (Red)	Remains on when the unit receives power indicating that the unit is functional and ready to send/receive
TxD (Yellow)	Lights up when there is data to be transferred from RS 485 side to Serial & is OFF when there is no data transfer
RxD (Green)	Lights up whenever there is any incoming data from the Serial to RS 485 side. Remains OFF when there is no
Power	
Input	External adaptor with 5V DC at 300mA.
Enviromental	
Operating	0°C to 70°C
Storage	-40°C to 85°C
Packaging	
Dimensions (L x W x H)	72mm(L) x 43mm(W) x 21mm(H)
Weight	40g
Warranty	
Warranty Period	12 Months
Component Used	Complies with ANSI/TIA/EIA-485-A-98 and ISO 8482:1987 (E), UL 1577

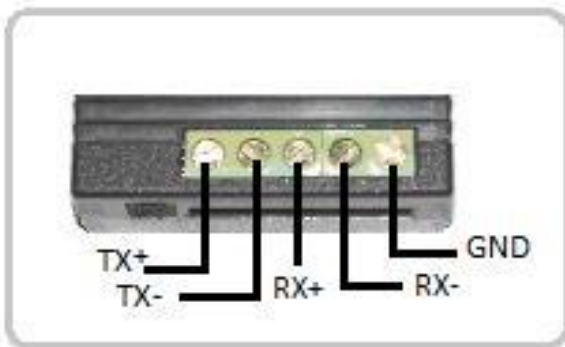
Applications

- Computer and Automation Systems.
- Control Lighting and other systems.
- Control pan tilt zoom cameras.
- Building Automation.
- Control video surveillance systems.
- Interconnect security control panels and access control card readers.
- Connecting cameras, scales, meters and scanners.

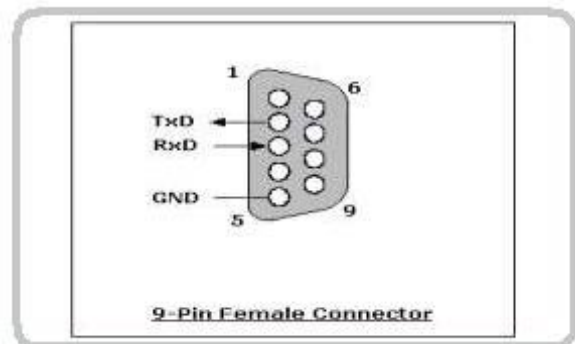
RS 232 TO RS 485/RS 222 CONVERTER



RS 485/ RS 422 Connection



Serial RS 232 Pin-outs



Part Number

Description

1067000371	CONV-485M1
1067000695	CONV-485M1 WITH 24V DC ADAPTOR
1067000587	CONV-485 DIN RAIL
1067000479	CONV-485 DIN RAILWITH 24V DC ADAPTOR

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