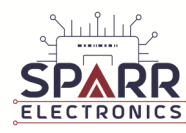


# RS232 TO RS 485/422 CONVERTER



- The RS 232 to RS 485/422 Converter 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.
- RS 232 to RS 485/422 Converter is available as an External Standalone Unit enclosed in a plastic casing, which takes power from the supplied Power Adaptor and also in DIN rail mount enclosure
- 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 RS485 side.



## Features & Specifications

### Interface

Serial	RS 232, RS 485 and RS 422
Connectors	9 Pin D-Type for RS 232, Screw Type Plug in Connector for RS485/RS422 and Power

### RS485

Number of drivers	32 on RS485 bus
Cable length	15 meters Maximum on RS232, 1200meters Maximum on RS485 or RS422
Signal Isolation	5000 VAC RMS. Optical Isolation to signals
Power Isolation	1500 VDC
Baud Rate	300 to 115200 baud.

### Indicators (LED)

Yellow	Receive Data (RxD)
Green	Transmit Data (TxD)
Red	Power ON

### Power

Input	11-13 VDC . 12V 1A External Adaptor Provided . 22-26VDC or 12-26VDC .
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### Environmental

Operating	0 °C to 70 °C
Storage	-40 °C to 85 °C

### Packaging

Product Name	CONV-485M4	CONV-485 D	CONV-422 M4	CONV-422 M4 TTL
Part Number	1067001270	1067002169	1067001926	1067002277
Dimensions	75mm(L) x45mm(W)x25mm(H)	90mm(L) x 36mm(W) x 57.5mm(H)	75mm(L) x 45mm(W) x 25mm(H)	75mm(L) x 45mm(W) x 25mm(H)
Weight	50g	75g	50g	50g
Warranty	12 Months	12 Months	12 Months	3 Months
Mounting	Table Top	35mm DIN rail	Table Top	Table Top
Adaptor	12V Operated	24V Operated	24V Operated	12V Operated

## Sparr Electronics Limited

414A, 7th Main Rd, 1st Block, HRBR Layout, Banaswadi, Bengaluru, Karnataka 560043, INDIA

Phone: +91-9900477055, +91-80-41278033 For more details visit: <http://www.sparrl.com>

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## Applications

- Computer & Automation System.
- Control Lighting & Other Systems.
- Control Pan Tilt Zoom Cameras. .
- Building Automation.
- Control Video Surveillance Systems.
- Interconnect Security Control Panels & Access Control Card Readers.
- Connecting Cameras, Scales, Meters & Scanners.

## RS232,RS 485, RS422 AND POWER CONNECTOR

1067001270



1067001926



1067002169



Part Number	Model	Deliverables
1067001270	CONV-485M4 WITH 12V OPERATED	Converter With 12V Adaptor
1067001818	CONV-485 M4 WITH 24V DC OPERATED	Converter
1067002169	CONV-485 D—DIN RAIL WITH 24V DC OPERATED	Converter
1067001378	CONV-422M4 WITH 12V OPERATED	Converter With 12V Adaptor
1067001926	CONV-422M4 WITH 24V OPERATED	Converter
1067002277	CONV-422M4 TTL -WITH 12V OPERATED	Converter With 12V Adaptor

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