Technical Data Sheet Rev 06-250801

RS232 Serial to RS422/485 w/2000V DC Optical Isolation and Surge

Model Number: **SER-COMi-Si-M**

Features

- Industrial Quality Optical Isolated RS-232 to RS-422/485 Converter
- RS232: DTE/DCE selected by DIP
- RS485 BIAS: BIAS (polarization) optical isolated by special drivers, controlled via software configuration
- Operation Modes: RS422 RS485 by RTS RS485 by DTR RS485 by ART (Automatic Receive Transmit control)
- Power Requirements: 9-28V DC, 600mW. Power Supply Adapter: 12V DC, 500mA

Package Contents

- Adapter
- DB9 to DB9 Cable
- Power Cable

Specifications

OVERVIEW

Model No	SER-COMi-Si-M	**Product Type**	USB Serial Adapter
Compliance	CE	FCC	**UPC**	045079160880
Country of Origin	Taiwan	**LED indicators**	Port Status	TX/RX
Electrical Protections	25kv		

PHYSICAL

Ship Weight (lbs)	0.94 lbs	**Ship Weight (kg)**	0.43 kg
Item Weight	0.22 lbs	**Length**	6.375 inches
Width	4.75 inches	**Height**	2.125 inches
Material	Steel	**Color**	Black
Mountable	Din-Rail Mount	Surface Mount	Wall Mount	**Cable Length (in)**	10
Cable Length (m)	0.25		

Specifications Cont.

CONNECTIONS	
Connector(s)	3-Pin Terminal Block | 5-pin Terminal Block | DB9 Female w/ Nuts | DB9 Male w/ Nuts

SERIAL SPECS	
Maximum Data Rate	1Mbps
Minimum Data Rate	300 baud/bps
Serial Modes	RS232 | RS422 | RS485
RS422 Signals	TxD-, TxD+, RxD+, RxD-, GND, RTS-, RTS+, CTS+, CTS-
RS485 2-wire Signals	DATA-, DATA+, GND
RS485 4-wire Signals	TxD-, TxD+, RxD+, RxD-, GND

ENVIRONMENTAL	
Operating Temperature	0C ~ 60C
Storage Temperature	-20C ~ 85C
Operating Humidity	5% to 95% RH

OS SUPPORT	
Supported Operating Systems	Linux | OSX 10 | Windows 11 | Windows 10 | Windows 8 | Windows 7 | Windows Vista | Windows XP

WARRANTY	
Warranty Period	1 Year

PRODUCT URL	
Product Page	https://www.usbgear.com/ser-comi-si-m.html