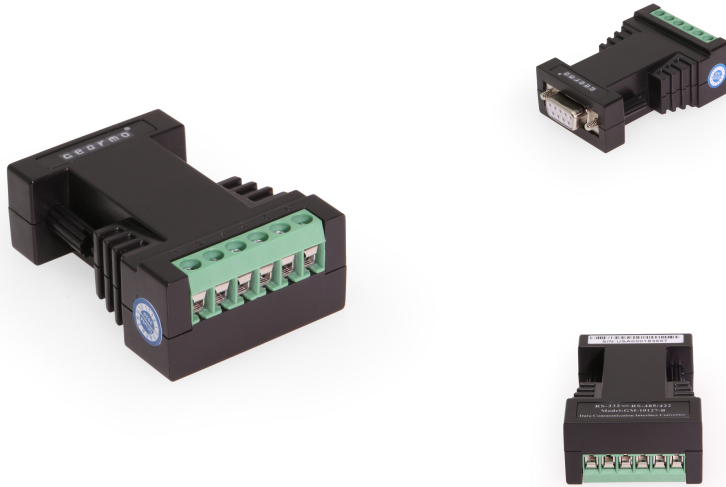


Technical Data Sheet Rev 06-250221

# RS-232 to RS-485/422 Port-Powered w/Optical Isolation

Model Number: GM-10127-B



## Features

- Standards: RS-232C/ RS-485/ RS-422 EIA/TIA
- Working mode: Asynchronous half-duplex or full-duplex
- Port protection: RS-232 ±15KV ESD protection
- Isolation: 2,500Vrms isolated voltage, continuous 500VDC
- Baudrate: 115.2K bps to 300M, 38.4K bps to 600M, 9,600 bps to 1.2KM

## Package Contents

- Adapter

## Specifications

### OVERVIEW

<b>Model No</b>	GM-10127-B	<b>Product Type</b>	Serial Adapter
<b>Compliance</b>	None or N/A	<b>UPC</b>	045079162983
<b>Country of Origin</b>	China	<b>LED indicators</b>	None or N/A
<b>Electrical Protections</b>	15kV		

### PHYSICAL

<b>Ship Weight (lbs)</b>	0.08 lbs	<b>Ship Weight (kg)</b>	0.04 kg
<b>Item Weight</b>	0.25 lbs	<b>Length</b>	2.402 inches
<b>Width</b>	0.827 inches	<b>Height</b>	1.614 inches
<b>Color</b>	Black		

**Specifications Cont.**

<b>CONNECTIONS</b>	
<b>Connector(s)</b>	6-Pin Terminal Block   DB9 Female w/ Screws
<b>Maximum Data Rate</b>	115.2Kbps
<b>SERIAL SPECS</b>	
<b>Maximum Data Rate</b>	115.2 kbps
<b>Minimum Data Rate</b>	300 baud/bps
<b>Serial Modes</b>	RS232   RS422   RS485
<b>RS422 Signals</b>	Full Duplex: T(A+), T(B-), R(A+), R(B-), SGND, SGND
<b>RS485 2-wire Signals</b>	Half Duplex: RS-485(A+), RS-485(B-), N/C, N/C, SGND, SGND
<b>ENVIRONMENTAL</b>	
<b>Operating Temperature</b>	-40C ~ 85C
<b>Storage Temperature</b>	-20C ~ 70C
<b>Operating Humidity</b>	5% ~ 95% (non-condensing)
<b>OS SUPPORT</b>	
<b>Supported Operating Systems</b>	Linux   OSX 10   Windows 11   Windows 10   Windows 8   Windows 7   Windows Vista   Windows XP
<b>WARRANTY</b>	
<b>Warranty Period</b>	1 Year
<b>PRODUCT URL</b>	
<b>Product Page</b>	<a href="https://www.gearmo.com/shop/rs-232-to-rs-485-422-port-powered-w-optical-isolation-protects-against-lightning/">https://www.gearmo.com/shop/rs-232-to-rs-485-422-port-powered-w-optical-isolation-protects-against-lightning/</a>