Gearmo, Inc.
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Technical Data Sheet Rev 06-241203

USB to RS-422/485 Converter FTDI CHIP w/ Terminals

Model Number: **USA-482422**

Features

- This USB to RS-485/ RS-422 serial converter with LED for RX, TX, and Power.
- Asynchronous, Point-to-Point, Point-to-Multipoint, 2-Wire (Half-Duplex), 4-Wire (Full-Duplex)
- Transmission Rates: 300 to 921.6kbps, automatic detection of signaling rate
- 15KV ESD Surge protection
- OS Support: Windows 7, 8, 9, 10, & Windows 11, Linux, Mac OS 10.X

Package Contents

- Driver/Software Disk
- USB Serial Adapter

Specifications

OVERVIEW	
Model No	USA-482422
Alias	GM-482422
Product Type	USB Serial Adapter
Compliance	RoHS
UPC	729440692391
Country of Origin	China
LED indicators	Power | RX / TX
Chipset	FTDI FT232RL
Electrical Protections	15KV
PHYSICAL	
Ship Weight (lbs)	0.07 lbs
Ship Weight (kg)	0.03 kg
Material	Plastic
Color	Black

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Specifications Cont.

CONNECTIONS

USB Specification	USB 2.0
Connector(s)	DB9 Male w/ Nuts | USB 2.0 Type A Male Fixed Cable

SERIAL SPECS

Maximum Data Rate	921.6 Kbps
Minimum Data Rate	300 baud/bps
Serial Modes	RS422 | RS485
RS422 Signals	TxD-, TxD+, RxD+, RxD-, GND
RS485 2-wire Signals	T/R+, T/R-, GND

ENVIRONMENTAL

Operating Temperature	-40C ~ 85C
Storage Temperature	-40C ~ 85C
Operating Humidity	5% to 95% RH

OS SUPPORT

Supported Operating Systems	Linux | OSX 10 | Windows 11 | Windows 10 | Windows 8

WARRANTY

Warranty Period	1 Year

PRODUCT URL

Product Page	https://www.gearmo.com/shop/usb-to-rs485-rs422-converter-ftdi-chip-with-terminals/