

Technical Data Sheet Rev 06-250729

USB to Terminal Wire RS422 RS485 Mini FTDI Plug-in Adapter

Model Number: **USBG-422MINI**



Features

- The Mini USB to RS-422/485 Plug-in Adapter adds a RS-422 or RS-485 device to your system with easy plug-and-play and hot plug features
- Very compact size for easy transport
- Requires no IRQ, DMA, I/O port
- Wide ambient temperature operation 0C to 60C (32F to 140F)
- Ideal for factory automation, multi-drop data collection, barcode scanners, and other serial communication devices in harsh environments

Package Contents

- Adapter

Specifications

OVERVIEW

Model No	USBG-422MINI	Product Type	USB Adapter
Compliance	CE FCC	UPC	736983901668
Country of Origin	Taiwan	LED indicators	TX/RX
Chipset	FTDI FT232RL SP485RE	Electrical Protections	15KV

PHYSICAL

Ship Weight (lbs)	0.26 lbs	Ship Weight (kg)	0.12 kg
Item Weight	0.263 lbs	Length	1.91 inches
Width	1.55 inches	Height	0.736 inches
Material	Plastic	Color	Blue
Mountable	N/A		

Specifications Cont.

CONNECTIONS

Connector(s)	6-Pin Terminal Block USB 2.0 Type A Male Fixed Cable
Maximum Data Rate	1 Mbaud

SERIAL SPECS

Maximum Data Rate	1Mbps
Minimum Data Rate	300 baud/bps
Data Bits	7, 8
Parity	None, Even, Odd, Mark, Space
Stop Bits	1, 2
Flow Control	Hardware (RTS, CTS), XON/XOFF
FIFO	128 bytes transmit 256 bytes receive
Serial Modes	RS422 RS485
RS422 Signals	TxD-, TxD+, RxD+, RxD-, GND
RS485 2-wire Signals	Data-, Data+, GND
RS485 4-wire Signals	TxD-, TxD+, RxD+, RxD-, GND

ENVIRONMENTAL

Operating Temperature	0C ~ 60C
Storage Temperature	-20C ~ 75C
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.coolgear.com/product/mini-usb-to-terminal-rs422-rs485-ftdi-plug-in-adapter
--------------	---