

1-Port RS-422/485 USB to Serial Adapter

Model : 20119022



Adds a high speed RS-422/485 serial port by connecting to a USB port

Serial operation mode can be easily changed by sliding open the upper case

Robust and compact plastic housing

Powered by USB port, no external power adapter required

LEDs indicate TxD and RxD for easy port monitoring and diagnosis

Installs as a standard Windows COM port

Automatic transmit and receive control for 2-wire RS-485 half-duplex mode

Built-in termination and biasing

Serial port protected with 15KV ESD protection

Non-standard baudrates supported

Easy plug and play installation and RS-422/485 device connection

High speed serial port with baud rate up to 3Mbps

Supports Windows 11, 10, 8.1, 8, 7, XP, Windows Server 2025, 2022, 2019, 2016, 2012 R2, 2012 and 2008 R2

Supports Linux Kernel version 3.0 and later

Supports Apple-provided VCP on OS X 10.9 and later

TECHNICAL DATA SHEET

OVERVIEW	
Interface	USB to Serial
Port Connections	5-pin terminal block / USB type A on fixed cable
USB Speed	Full Speed (12Mbits/second) , USB 1.1 compliant
Protocol	RS-422/485
Baud Rate	RS-422/485:up to 3Mbps
Available Power Modes	USB Bus Powered, no external power adapter required

Serial COM Parameters	
RS-422 Signals RS-485	TxD-, TxD+, RxD+, RxD-, GND TxD-,
Signals (4 wire) RS-485	TxD+, RxD+, RxD-, GND Data-, Data+,
Signals (2 wire) Data	GND 7, 8 None, Even, Odd, Space,
Bits Parity Stop Bit Flow	Mark 1, 2 RTS/CTS, XON/XOFF 256
Control FIFO	bytes transmit 128 bytes receive

Mechanical	
Casing	RS-422/485

ENVIRONMENTAL	
Operating Temperature	Operating Temperature 0 to 55°C (32 to 131 °F)
Operating Humidity	5% to 95% RH
Country of Origin	Taiwan

DIREKTRONIK

info@direktronik.se

+46-852400700