

USB to RS232 / RS485 Converter
Part no. 26630



USB to RS232/RS485 Converter – Reliable Serial Communication for Modern Systems

This USB to RS232/RS485 Converter is a compact, high-performance adapter designed to bridge USB-enabled devices with RS232 or RS485 serial interfaces. Whether you're working with legacy industrial equipment, serial sensors, or embedded systems, this converter ensures stable, protected, and efficient communication in a variety of environments.

Two Interfaces in One – RS232 and RS485 Support

This converter combines both RS232 and RS485 interfaces into a single, plug-and-play device. You can easily switch between the two via a hardware jumper, making it ideal for technicians, engineers, and developers who work across multiple serial standards. No need to carry separate converters — this single unit does it all.

Overall features

- One RS232 port and one RS485 port
- Small convenient size
- Onboard TVS (Transient Voltage Suppressors)
- Built-in self-recovery fuse and protection diodes
- Fail-safe bias resistors
- Automatic Send Data Control for RS485
- Control LEDs for TX, RX and power
- Compatible with Modbus RTU/ASCII, BACnet
- Onboard switchable 120 ohm terminal resistor
- Powered from USB port

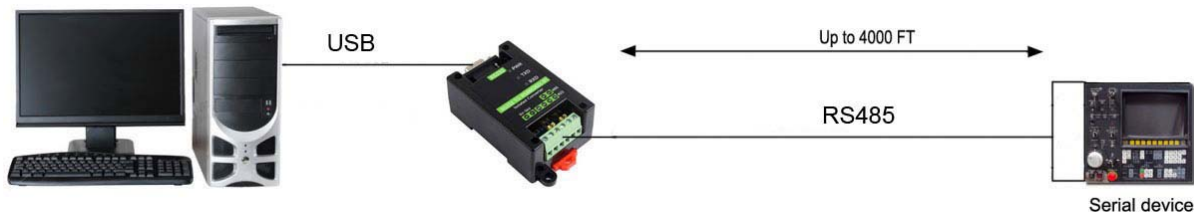
To access technical support, please visit the U.S. Converters website at: www.USconverters.com
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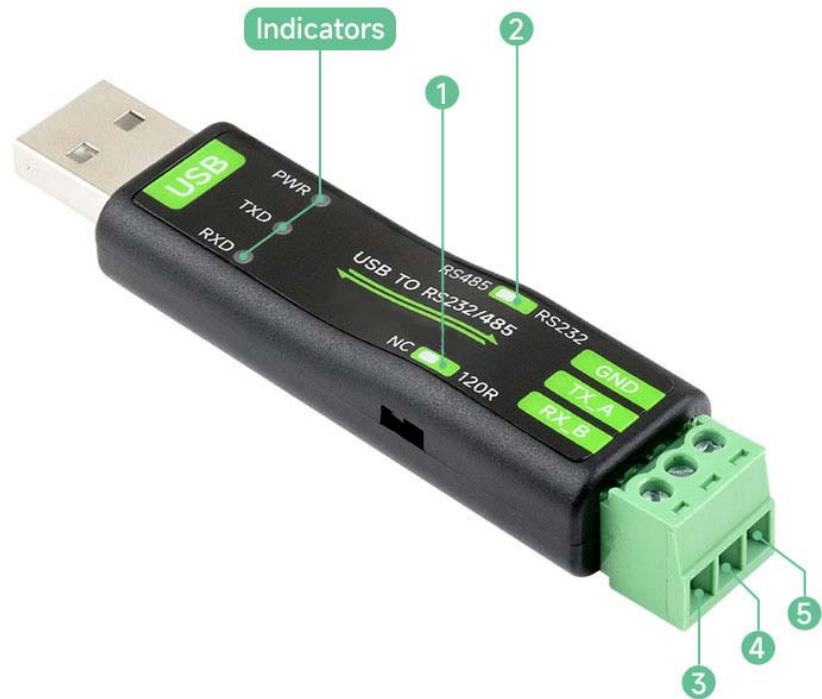
- Latest drivers and updates for download
- Technical tips
- Documentation
- Configuration support
- and much more...

Feel free to contact our technical support team at mail@usconverters.com with any issues.

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SPECIFICATIONS	
Model number	26630
Operating system	Windows 11, 10, 8.1, 8 (32/64-bit), Windows Server 2016, Windows Server 2012 / R2, Windows 7 (32/64-bit), Windows Server 2008 R2, Vista (32/64-bit), Windows Server 2008 (32/64-bit), XP, Windows Server 2003 (32/64-bit), 2000, (all WHQL compliant). Windows RT as D2XX drivers only. • Linux (built into kernel 3.0.0-19 and above) • Mac OS 8, OS 9, OS X 10.3 to 10.9 and above • Android
Indication LEDs	Power, TX, RX
Baud rate	300-921,600bps
Chipset	FT232RNL
Power	5V from USB
Bias resistor	Yes
Interface	RS232 and RS485
Cable	USB extension cable included
USB	USB 1.1, 2.0, 3.0 compliant
Isolation	700V continuous and 3500V spike. 200mA self-recovery fuse (USB).
ESD protection	15KV, 600W/ms
Standards	EIA/TIA RS-232/485
Signals	TX, RX, D-, D+, GND
Directional control	Automatic Send Data Control
Certifications	CE, FCC, RoHS
Dimensions	78.52 × 18.36 × 12.50 mm
Operating Temp.	-15°C to 70°C
Operating humidity	5% To 95% - No Condensation
Warranty	1-year Limited Warranty
ECCN	4A994.a
Schedule B	8471.80.1000
HTS	8517.18.0050





① 120Ω resistor switch	enable or disable RS485 terminal 120Ω resistor
② RS232/485 switch	for switching RS232 for RS485 communication
③ RX_B:	RS232 receive data / RS485 differential signal negative B-
④ TX_A:	RS232 transmit data / RS485 differential signal positive A+
⑤ GND:	RS232/485 signal ground

