

USB to RS485/422 Professional Converter  
Part no. XS890

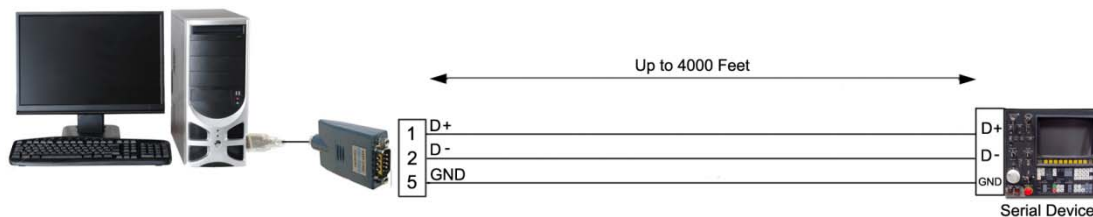


This professional grade USB to serial RS485/422 adapter easily adds a serial port to your desktop or laptop, for general office, commercial and industrial use. Serial outputs are automatically configured as additional COM ports. This converter is built around a quality FTDI processor chip which makes it the ideal choice for applications where reliability and performance is critical.

Protection against static electricity and surges up to 15KV which gives you reliable data transfers and protects the converter and your equipment from damage due to static electricity.

USB Plug and Play allows easy installation and requires no IRQ, DMA, or I/O port resources which mean that more devices can be attached to your system without the hassles of device and resource conflicts.

Application example, RS485 point-to-point:



Pin no.	RS485 DB9 Male	RS422 DB9 Male	Terminal header
1	D+	TX+	T/R+
2	D-	TX-	T/R-
3		RX+	RXD+
4		RX-	RXD-
5	GND	GND	GND
6	Factory test pin only		
7			
8			
9			

**Please download drivers for this product at:**

**[www.USconverters.com](http://www.USconverters.com)**

To access technical support, please visit the U.S. Converters website at:  
[www.USconverters.com](http://www.USconverters.com)  
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- Documentation
- Configuration support
- and much more...

Feel free to contact our technical support team at [mail@usconverters.com](mailto:mail@usconverters.com) with any issues.  
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SPECIFICATIONS	
Model number	XS890
Operating system	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Windows CE v4.2 - 5.2, 6.0, 7.0 and 2013 including: Windows Mobile 2003, 2003 SE, Windows Mobile 5, 6, 6.1 and 6.5</li> <li>• Linux (built into kernel 3.0.0-19 and above)</li> <li>• Mac OS 8, OS 9, OS X 10.3 to 10.9 and above</li> <li>• Android</li> </ul>
Indication LED lights	Power, TX and RX
Baud rate	300-921.600bps (up to 3Mbps by using alising)
Power	Port-powered from USB port
Chipset	FTDI
Interface	RS232: DB9 male / terminals USB: Male type A
RS485 signals	D+, D-, GND
RS422 signals	R+, R-, T+, T-, GND
USB signals	VCC, DATA+, DATA-, GND, FG
Buffer	Internal TX/RX 128/385 Bytes
Flow control	Automatic, No IRQ Conflicts, no IRQs, IO or DMA required
Working mode	Asynchronous, point-to-point
Current draw	<100mA
Standards	Serial: EIA/TIA RS-485/422C USB: v1.0, 1.1, 2.0, 3.0
ESD protection	Up to 15KV, 600w/ms
Certifications	CE, FCC, RoHS
Operating Temp.	-13°F to 158°F (-25°C to 70°C)
Operating humidity	5% To 95% - No Condensation
Dimensions	54.5mm x 36mm x 16mm
Warranty	1-year Limited Warranty
ECCN	4A994.a
Schedule B	8471.80.1000
HTS	8517.18.0050