

USB to RS485 Compact Pro Converter  
Part no. US485COM



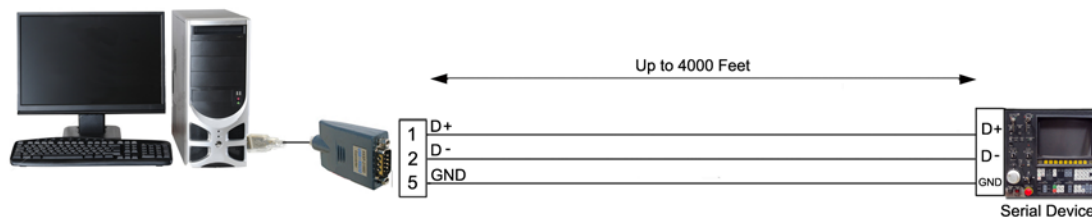
This professional grade compact USB to serial RS485 adapter has its processor board built directly into its USB connector. This design makes a compact and convenient adapter cable ideal for tight spaces or applications where you need free wires/terminals at the interface end.

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:



Wire	RS485
Black	GND
White	B -
Green	A +

**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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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	US485COM
Operating system	Windows 8.1 / 8 (32/64-bit), Windows Server 2012, 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 CE v4.2 - 5.2 and 6.0 which includes: Windows Mobile 2003, 2003 SE, Windows Mobile 5, 6, 6.1 and 6.5, Linux, Mac OS 8, OS 9, OS X, Android
Baud rate	300 – 921.600bps, auto detection
Power	Port-powered from USB port
Chipset	FTDI
Serial Driver	LT1785AI
Interface	RS485: Stripped wires + optional terminal header included USB: Male type A
RS485 signals	D+, D-, GND
Cable length	70 inches, ~ 177cm
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
ESD protection	Up to 15KV, 600w/ms
Certifications	CE, FCC, RoHS
Operating Temp.	-40 to 85°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