



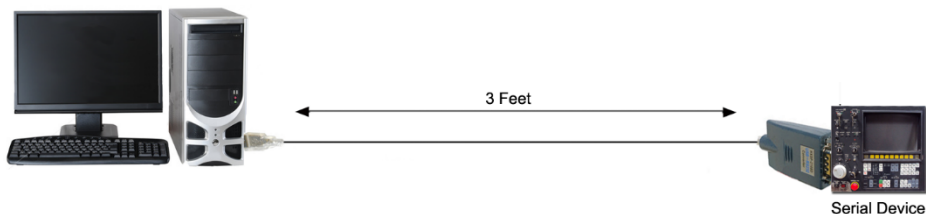
USB to Serial RS232 Adapter, Full LED's Part no. USCESD9A



This professional-grade USB to RS232 adapter provides a reliable connection between a computer's USB port and RS232 serial equipment. Designed for industrial, commercial and engineering applications, the adapter combines high-speed serial communication with real-time RS232 signal monitoring and enhanced protection against electrostatic discharge.

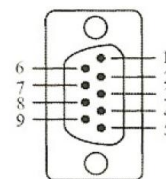
Unlike basic USB serial adapters, this model includes nine individual LED indicators that allow you to visually monitor all RS232 communication signals. TX, RX, RTS, CTS, DSR, DTR, DCD, RI and GND can be observed directly on the adapter. This makes it possible to quickly determine whether data is being transmitted or received and whether hardware flow-control signals are operating correctly. For technicians and engineers, this can significantly simplify testing and troubleshooting compared with conventional USB-to-serial adapters that only provide basic TX/RX indicators.

Application example:



Pin no.	RS232 DB9 Male
1	DCD
2	RXD
3	TXD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI

DB9 Male



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

www.USconverters.com

To access technical support, please visit the U.S. Converters website at:
www.USconverters.com
Here you will find:

- 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	USCESD9A
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. • 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 • 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	TX, RX, RTS, CTS, DSR, DTR, DCD, RI and GND
Baud rate	Guaranteed up to 230.000bps
Power	Port-powered from USB port
Chipset	FTDI FT232RL
Interface	RS232: DB9 male connector USB: Male type A
RS232 output power	~5.7VDC
Pin 9 output power	5VDC max limited at 450mA
Parity	None, Odd, Even, Mark, Space
Stop Bits	1, 2
Data Bits	7, 8
RS232 signals	DCD, RXD, TXD, DTR, GND, DSR, RTS, CTS, RI
USB signals	VCC, DATA+, DATA-, GND, FG
Buffer	Internal TX/RX 512/512 Bytes
Cable length	3 feet
Working mode	Asynchronous, point-to-point
Current draw	<100mA
Standards	Serial: EIA/TIA RS-232C USB: v1.0, 1.1, 2.0
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	5.90"(L) x 2.61"(W) x 1.02"(H)
Warranty	1-year Limited Warranty
ECCN	4A994.a
Schedule B	8471.80.1000
HTS	8517.18.0050