232USB9M

USB to RS-232 Mini-Converter

✓ **Connect RS-232 Devices to your USB Port**

✓ **Perfect for Field Service Applications**

✓ **Small – Fits easily into any laptop bag**

✓ **USB Port Powered**

✓ **USB 2.0 (12 Mbps) Compatible**

✓ **RS-232 Data rates up to 460.8 Kbps**

✓ **Supports Windows 98, ME, 2000, XP, Vista, Win7 32 & 64 bit**

Universal Serial Bus (USB) has become the connectivity workhorse of today's PCs, replacing the familiar serial ports. However, many commercial and industrial devices still use the RS-232 interface. To connect these devices to modern PCs, you need a simple and reliable conversion solution. The 232USB9M offers this solution in a space saving, USB Port powered package. Simply plug the converter into an available USB port on your computer or USB hub and install the drivers supplied on CD ROM. The device will show up as an additional COM port in the Windows Device Manager which is fully compatible with your Windows applications. Locked serial number versions are also available (see the driver installation notes at the end of this document). A one meter USB cable is included. Remember, when it comes to USB to Serial Conversion, B&B Electronics Ulinx™ brand is your number one

Specifications

Serial Technology	
RS-232	TD, RD, DCD, DTR, GND, SDR, RTS, CTS, RI
Connector	DB9 Male (DTE)
Data Rate	Up to 460.8 Kbps
USB Technology	
Connector	USB Type B Female
Standard	2.0 (Backward Compatible)
Data Rate	12 Mbps
Power	
Source	USB Port
Input Voltage	5 VDC
Consumption	~ 0.5 W (Low power device, draws less than 100 mA)
Software	
Driver CD	Windows 98, ME, 2000, XP, Vista, Win 7 32 & 64 bit
Mechanical	
Dimensions	2.3 x 1.3 x .6 in (5.8 x 3.2 x 1.6 cm)
Enclosure	In-line mounted, plastic
Weight	0.23 lbs (104.3 g) with USB Cable
Environmental	
Operating Temp	32 to 158°F (0 to70 °C)
Storage Temp	-40 to 185 °F (-40 to 85 °C)
Op Humidity	0 to 95 % (Non-condensing)
MTBF	1946086 hours
MTBF Method	Parts Count Reliability Prediction
Regulatory	
Approvals	FCC, CE

Ordering Information

Model Number	Description
232USB9M	USB to RS-232 Mini-Converter
232USB9M-LS	USB to RS-232 Mini-Converter (Locked Serial Number)
Accessories	
USBAMBM-3F	3 ft (1 M) USB Cable (One Included)

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PRODUCT INFORMATION

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Certifications

Test	Description		Test Level	Level
IEC 61000-4-2	ESD	Contact	±8kV	±8kV
		Air	±15kV	±15kV
IEC 61000-4-3	Radiated Immunity		3 v/m	3 v/m
IEC 61000-4-4	Burst (Fast Transient)	Serial	±500	±500
		USB	±500	±500
IEC 61000-4-6	Induced (Conductive) RFI	Serial	3 V RMS	3 V RMS
		USB	3 V RMS	3 V RMS
EN 55022/CISPR 22	Emissions		3 meters	Class B

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