

## DB9 Mini Converters (USB to Serial)

A small package version  
of serial conversion.



## FEATURES

- » Adds a COM port to your USB PC or laptop.
- » Supports USB 1.0, 1.1, and 2.0 (12 Mbps).
- » Automatic configuration on Windows® 98, ME, 2000, XP, and Windows Vista® systems.
- » Powered from the USB interface.
- » Includes 1-m (3.2-ft.) USB cable.



IC830A



IC833A



IC831A



IC834A



IC832A

## OVERVIEW

USB is the connectivity standard for today's PCs, replacing familiar serial ports. However, many commercial and industrial devices still use RS-232, RS-422, or RS-485 interfaces. To connect these devices to modern PCs, you need simple and reliable converters.

Black Box® Mini USB-to-Serial Converters offer USB-to-serial conversion in a space-saving package. Simply plug the converter into an available USB port on your computer or USB hub and install the drivers from the supplied CD-ROM. The serial device will show up as an additional COM port in the Windows Device Manager.

### RS-485 (2- and 4-wire)

- Support TDA, TDB, RDA, RDB, and GND.
- Baud rates up to 921 kbps.
- Use on RS-485 2-wire or RS-422/485 4-wire networks.
- Support Send Data Control (SDC).

### RS-232

- Full handshake support (TD, RD, RTS, CTS, DTR, DSR, DCD, RI, GND).
- Baud rates up to 460 kbps.



DB9 Male



DB9 Female

## TECH SPECS

SCE — Yes

Interface — RS-485 or RS-232

Connectors — IC830A–IC831A: (1) USB Type B F, (1) DB9 F;

IC832A–IC833A: (1) USB Type B F, (1) terminal block;

IC834A: (1) USB Type B M, (1) DB9 M

Power — 5 VDC from the USB interface

Size — 0.6"H x 2.3"W x 1.3"D (1.6 x 5.8 x 3.2 cm)

Weight — < 0.5 lb. (< 0.5 kg)

### Item

### Code

DB9 Mini Converters (USB to Serial)

RS-485

2-Wire, DB9

4-Wire, DB9

2-Wire, Terminal Block

4-Wire, Terminal Block

RS-232

DB9

**IC830A**

**IC831A**

**IC832A**

**IC833A**

**IC834A**

## Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

### Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.
- It's 9 p.m. and you need help, but your vendor's tech support line is closed.

According to a survey by *Data Communications* magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.