

## USB-RS232 Adapter PC-USB-1

Add extra serial ports to your PC  
 Plug-n-play to PC's, laptops, PDA's,  
 digital cameras, modems.

Actisense™ presents the USB to Serial Adapter, that provides an external plug-n-play RS232 serial connection for computers, notebooks, laptops, and handheld computing devices that support the USB specification.

It comes with a standard D-type 9-pin male connector for the peripherals to plug into, and an attached 35 cm USB cable with a type A plug for connecting to the computer's USB port or USB hub.

Universal Serial Bus (USB) port technology has emerged in response to the proliferation of external peripheral devices (scanners, digital cameras, removable drives, etc.), that are increasingly being connected to the latest generation of computers. It is faster than traditional bus ports and since it does not require any IRQ's, eliminating the IRQ conflict problem

and allowing more devices to be attached to the computer system.

A data transfer or 'handshaking' (orange) LED is built in to the cable housing to offer direct feedback on the status of the data connection.

The USB Serial Adapter provides mobile phones, PDA's, digital cameras, modems and ISDN terminal adapters with a high quality serial connection at a data transfer rate of over 230 Kbps.

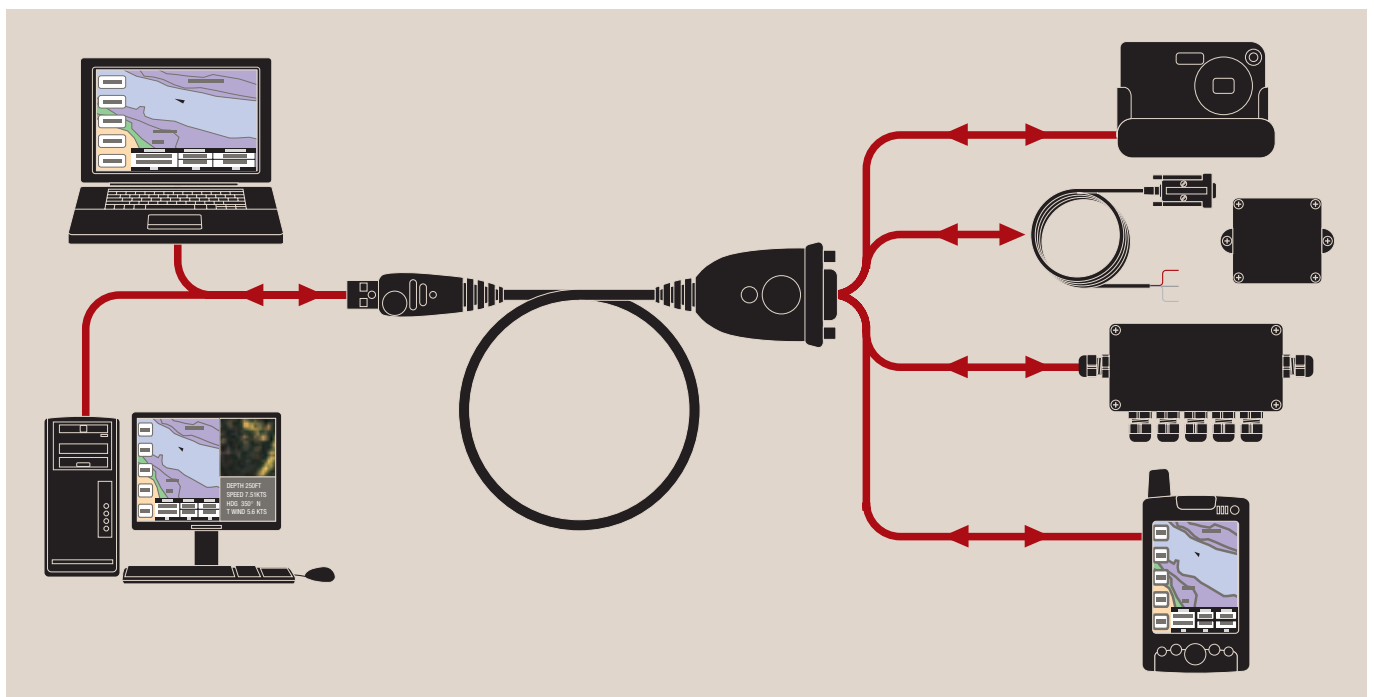
The PC-USB-1 makes the USB interface transparent to the peripherals, allowing easy interface to the USB bus, eliminating the set-up hassle normally associated with traditional serial port connections.

As a USB specification compliant device, the USB Serial Adapter also supports

energy-saving suspend and resume operations.

Full 'handshaking' control is possible for systems that require access to the RTS, CTS and DTR, DSR handshaking control lines.

Ideal for new laptops that are increasingly being produced with no built-in RS232 serial port.



# USB-RS232 Adapter PC-USB-1

## Specifications

- Full compliance with USB specification v1.1
- Supports the RS232 serial interface
- Supports automatic handshake mode
- Over 230 Kbps data transfer rate
- Supports remote wakeup and power management
- Provides a 96 byte buffer for each upstream and downstream data transfer
- Works with cellular phones, PDA's, digital cameras, modems and ISDN terminal adapters
- Easy way to install an additional RS232 serial port
- No IRQ required
- Frees up Serial/RS232 ports for other uses
- USB connector: Type A plug
- Serial connector: D-type 9-pin male

### System requirements

- Operating systems supported:
  - Windows 98, ME, 2000 and XP
  - Macintosh release 8.6 or higher
  - Linux
- USB Host Controller installed on the system

### Power supply (derived from USB bus)

- Supply Voltage range: 7 to 15 volts DC
- Power Consumption: 50 mA @ 8-9v DC / 450 mW

### Environmental

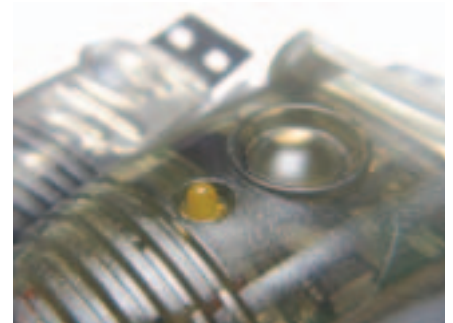
- Recommended storage temperature: -20°C to +60°C
- Recommended operating temperature: +5°C to +40°C
- Recommended humidity: 0 – 80% RH
- Splash proof, plastic housing

### General

- Weight: 60 grams
- Dimensions (serial end): 65.9 x 34 x 16 mm
- Cable length: 35 cm
- Guarantee: 2 years

### Part number

- PC-USB-1



Active Research Limited  
Unit 5, Wessex Trade Centre  
Ringwood Road, Poole  
Dorset UK BH12 3PF

t: +44 (0)1202 746682  
f: +44 (0)1202 746683  
e: sales@actisense.com  
[www.actisense.com](http://www.actisense.com)

**Actisense**<sup>TM</sup>

Actisense from Active Research