



Product Description

The ES-U-3001-MB USB to RS232/RS422/RS485 adapter from Connective Peripherals is a quick and simple way to connect serial devices to your computer. The adapter offers a great deal of flexibility as it can be switched between RS232, RS422 or RS485 modes. The adapter utilises Full-Speed USB technology with enhanced buffering to reduce latency and improve throughput. Drivers are easily installed and supported on a range of operating systems including Microsoft Windows, macOS, Android and Linux (including the Raspberry Pi).



Features

- Based on the renowned FTDI FT231XQ chipset
- Compact and robust metal enclosure
- Transmit and receive LEDs to indicate data transfer
- Serial protocol configurable via DIP Switches:
 - RS232/RS422/RS485
- Signals available via DB-9 connector or terminal block
- Port appears as a Virtual Com Port allowing easy use with existing application programs
- Compatible with all USB ports including USB 3.0
- Powered entirely from the USB port

Applications

- Connect to Legacy Serial Devices
- Test Equipment (data logging)
- Building Systems (alarms & door entry)
- Industrial Devices (PLCs & Machine control/monitoring)
- Home Automation Systems
- Entertainment Controls (Audio & Lighting)
- Laboratory Instrumentation

Other Multi-Protocol Products

Connective Peripherals also provide 8 and 16-port versions of the ES-U-3001-MB for multi-port USB to RS232/RS422/RS485 applications that are available on the Connective Peripherals website at:

<https://connectiveperipherals.com/products/usb-to-rs232-rs422-rs485-adapters-full-speed>

An optically isolated version, the ES-U-2101-MB is also on the Connective Peripherals website:

<https://connectiveperipherals.com/products/copy-of-usb-to-rs422-rs485-adapters-w-optical-isolation-full-speed>