LM060 USB - RS232 Converter Adapter FTDI Chipset
USB SERIAL CONECTOR

1   General Description

The LM-060 USB to Serial adapter is a smart and convenient accessory for
connecting RS-232 serial devices to your USB-equipped Windows host computer.
tt provides a bridge connection with a standard DB 9-pin male serial port connector in one end and a standard
Type-A USB plug connector on the other end.
You simply attach the serial device onto the serial port of the cable and plug the USB connector into your PC USB port. It
allows a simple and easy way of adding serial connections to your PC without having to go thru inserting a serial card
and traditional port configuration. This USB to Serial adapter is ideal for connecting modems, cellular phones,
PDAs, digital cameras, card readers and other serial devices to your computer.
It provides serial connections up to 1Mbps of data transfer rate. And since USB does not require any IRQ resource,
more devices can be attached without the hassles of device resource conflicts.

2   Features

- Smart USB to RS-232 (DB 9-pin male serial port) interface

- Supports various serial devices like modems, PDAs, cellular phones, digital cameras, card readers, and more.

- Easy Plug and Play Installation

- Full Compliance with the USB Specification v1.1

- Supports automatic handshake mode

- Over 1Mbps data transfer rate

- Supports Remote Wake-up and Intelligent Power Management

- Supports the standard RS-232 Serial Interface

- Intergrated with a new FTDI FT232RL Chipset

+44(0) 207 428 2647 www.lm-technologies.com | sales@lm-technologies.com

3   Features

• USB 2.0 high speed (backwards compatible with USB 1.x)
• 9 PIN Male RS232 to USB 2.0 connector
• Supports automatic handshake mode
• Supports remote "wake-up" and power management
• Can be used with or without 1 meter USB cable

DB-9 Pin assignment   Important Technical Information

Pin1 :   DCD   <== IN   - Specification:
Pin2 :   RXD   <== IN   - Utilises an inbuilt industrial Grade FTDI
Pin3 :   TXD   ==> OUT   - FT232RL Chip, for more information
Pin4 :   DTR   ==> OUT   and driver support for this chip please see www.ftdichip.com
Pin5 :   GND   N/A   Connectors:
Pin6 :   DSR   <== IN   -USB Type A Male 9-pin Serial Male
Pin7 :   RTS   ==> OUT   -1m extension cable provided
Pin8 :   CTS   <== IN   -Power Bus Powered
Pin9 ::   RI   <== IN   (no external power required)

Product Description   - USB 2.0 to RS232 Adaptor
Cable Type   - USB 2.0 to RS232
Interface Type   - USB 2.0 Type A
Connectors   - 9 PIN RS232 to USB 2.0 Type
System Requirement   - Microsoft Windows 98 SE / ME / 2000 / XP / Vista / Windows 7