

ACTISYS FIR - USB ADAPTER

ACTISYS IR2002UL, an advanced wireless Fast Infrared USB adapter

- Simply attaches to a PC's USB (Universal Serial Bus) port and gives user the wireless data transfer for data logging, synchronization, file transfer, backup, printing or network access.
- Supports FIR (4Mbps), MIR 1.152Mbps, and all SIR speeds (9.6K, 19.2K, 38.4K, 57.6K and 115.2Kbps).
- Compatible with any IrDA[®]-capable notebook PC, PDA, modem, printers, instruments, data terminals, digital camera, image capture device and others.
- Takes advantage of the true plug-and-play feature and the high bandwidth (12 Mbps) of USB specification.
- Offers the easiest IR wireless data access to the desktop computers.
- Does not occupy PC's COM or Parallel port and has no complicated port and resource setting and conflict, such as I/O address, IRQ / DMA numbers.
- Fully compliant to USB specification 1.1 and IrDA specification 1.4
- Obtain power from USB port. No external power supply required.
- Very compact size.
- Work easily with the link application software built into Windows 98SE, ME, 2000, XP [32 & 64 Bit], Vista and Win7 [32 & 64 Bit] with **WHQL Certified**.
- Also supports Win CE 4.2 & 5.0 (USB host), Mac 10.x (both Intel & Power PC based) and Linux.



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Model #ACT-IR2002UL

The only IrDA[®] adapter supplier that has test tools to help your system to be IrDA[®] compliant !



Specifications

ACT-IR2002UL FIR-USB Adapter

● **Compatibility:**

Fully compliant to USB specification 1.1 and IrDA[®] specification 1.4

● **Communication speed and Distance:**

SIR (9.6, 19.2, 38.4, 57.6, 115.2 kbps) & MIR (1.152 Mbps) - 1 ~ 158 cm
FIR (4 Mbps) - 1 ~ 100 cm

● **Connection:**

Standard USB connector with 4-ft USB cable

● **Power Source:**

Obtain power from USB port. No external power supply required.

● **Power Consumption:**

Active current: Sending - 55 mA; Receiving - 24 mA; Standby current: 20 mA

● **Dimension / Weight:**

61mm(L) X35mm(W) X 18mm(H), 2.4"(L)X1.4"(W) X 0.7"(H) / 50.3 g (1.8 Oz)

● **Operating / Storage Temperature:**

0° C TO 60° C / -20° C TO 85° C

● **Programmable and Default Key Parameters:**

Extra BOFs = 00; Min. Turn-Around Time = 1.0 mS; Speed Enable = 4000000;
Infrared Transceiver Type = Vishay TFD; Read Depth = 20; Read Threshold = 05;
Receive Sensitivity = Enable; Receive Window Size = 04; Receive Mode= Fast

● **Compatible with the following IR or IrDA capable devices:**

Notebook:

All IrDA notebook PCs running appropriate IrDA application softwares.

Printer:

All standard parallel printers.
All standard serial printers.

Handheld PC/PDA:

All Windows CE devices

Cellphone:

Nokia, Ericsson, Motorola, Siemens

Operating System:

Windows 98SE/ME/2000
Windows XP/Vista/Win 7 (32 & 64 bit)
Win CE 4.2, 5.0 (USB host)
Mac 10.x (Intel & Power PC based)
Linux

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