

USB to RAW SIR SERIAL ADAPTER **-Thumb Sized** **ACT-IR424UN**

- Supports baud rates: 1.2, 2.4, 4.8, 9.6, 19.2, 38.4, 57.6, 115.2 Kbps.
- IR pulse: 1.63 μ S.
- No IrDA[®] protocol supported, only Raw IR (IrPHY[™] only).
- Equivalent to ACTiSYS ACT-IR224UN series (USB Raw IR adapters): compatible with ACTiSYS Raw IR adapters (RS232 interface) IR220L+, IR220L, IR220Li and IR220LN. Also compatible with competitors' models: JetEYE 9680 Level mode & Pulse mode, IFSYS 8001A Level mode & Pulse mode. An utility software is provided for Windows to select the models.
- Virtual COM port supported. Nothing or minimum change in users' software, which already worked well with the above Raw IR RS232 adapters.
- Less latency time, average 1.5 mS. Latency of a real COM port is 0.5 mS.
- Fully compliant with USB 2.0 (Full speed, 12 Mbps).
- 256 bytes outbound buffer and 256 bytes inbound buffer.
- Designed for Windows XP Certified logo drivers.
- Supports Windows 98/ME/2000, Win XP SP2/Vista/Win 7/Win Server 2003/Win Server 2008 (32 & 64 bits), Mac OS (both Intel & Power PC), Linux, Windows-CE (ARM & x86)

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The only IrDA[®] adapter supplier with Full test tools, to ensure your system to be IrDA[®] compliant !



USB to RAW SIR SERIAL ADAPTER –Thumb Sized ACT-IR424UN

Specifications

- **Compatibility:**

Fully compliant with USB 2.0 and Raw IR

- **Communication speed and Distance:**

1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200 bps, 1 cm ~158 cm

- **Power Source:**

Obtains power from USB

- **Power Consumption:**

Active current: < 60 mA, standby current: < 15 mA

- **Dimension / Weight:**

47 mm (L) X 18 mm (W) X 9.38 mm (H), 1.85" (L) x 0.71" (W) x 0.37" (H) / 5.6 g (0.2 Oz)

- **Operating / Storage Temperature:**

0° C to +60° C / -20° C to +85° C

- **Compatible with the following Raw IR devices:**

ACT-224UN, ACT-IR220L+, ACT-IR220L, ACT-IR220Li and ACT-IR220LN,
JetEye 9680 Level mode & Pulse mode, IFSYS 8001A Level mode & Pulse mode.

- **Factory Default Settings:**

ACT-IR424UN-LN115

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