



IrSimple™ & IrDA® VFIR/FIR USB Adapter

ACT-IR4020U / ACT-IR4021U

An advanced wireless fast Infrared USB adapter designed to replace the serial port or VFIR/FIR controller based SIR/MIR(0.576M)/FIR/VFIR wireless peripheral through Hi-Speed USB.

- Fully compliant to USB specification 3.0
- Fully compliant to IrDA serial infrared physical layer specification 1.4
- Supports Win XP/7/8/10/11(32&64 bit) ,Mac(Power PC only, not Intel based PC), & Linux
- Full-speed (16Mbps, VFIR for IR4020U and 4Mbps, FIR for IR4021U) USB operation
- Bus-powered device. Obtain power from USB port. No external power supply required
- Low power consumption in standby mode (Standby current is less than 0.5 mA)
- Not occupy PC's COM or Parallel port and has no complicated hardware port and resource setting. Also no resource conflict, such as IO address / IRQ / DMA numbers.
- True PNP (Plug And Play) device. Without re-installing USB driver when re-plug in.
- Device size: 1.85"L x 0.7"W x 0.35"H
- Weight: 6.0 g (0.2 Oz)
- **Note:** The existing bundled driver could play *IrDA function only!*
Still you can also run *IrSimple application* as long as you use compatible *driver/software yourself.*

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Specifications

- **Compatibility:**

Fully compliant to USB specification 3.0 and IrDA specification 1.4

- **Communication Speed and Distance:**

SIR (9.6, 19.2, 38.4, 57.6, 115.2 kbps): 0 ~158 cm;

MIR (0.576 Mbps)/FIR (4 Mbps)&VFIR (16 Mbps) : 0 ~ 100 cm

- **Power Source:**

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

- **Power Consumption:**

Active current < 400 mA; standby current < 0.5 mA

- **Operating Temperature:**

0° C TO 70° C

- **Storage Temperature:**

-40° C TO 125° C

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