

# *IrSimple™ & IrDA® VFIR/FIR*

## *Windows Software & USB Dongle Bundle*

### *ACT-IrS402x (=ACT-IrS402xSW+IrS402xU)*

- Package includes ACT-IrS402xU USB dongle and ACT-IrS402xSW Windows software. This series has two models: ACT-IrS4020 (VFIR) and ACT-IrS4021 (FIR).
- Supports IrDA® & IrSimple™ (Uni-Mode & Bi-Mode), in Primary and Secondary roles.
- Supports SIR (9.6~115.2 kbps), MIR (0.576 Mbps), FIR (4 Mbps) and VFIR (16 Mbps), through USB 2.0 port (high speed, 480M bps), and Windows software.
- Actual Throughput Achieved :  
IrSimple Uni-Mode: >3.59 Mbps (in FIR-4Mbps), and >11.33 Mbps (in VFIR-16Mbps)  
IrSimple Bi-Mode: >3.52 Mbps (in FIR-4Mbps), and >10.06 Mbps (in VFIR-16Mbps)
- No limit in File Size.
- Supports Windows 2000/ XP/ Vista.
- Automatic selection among IrSimple-Uni, IrSimple-Bi, and IrDA classic modes!
- Compatible with All IrSimple certified DSC and camera phone models!
- User can enable Automatic File Open, and Minimize to System Tray feature.
- User can define static file name for all receiving files, configure the Inbox folder.
- Easy Integration with other Windows Application Software.
- Support TEST Frame in IrDA & IrSimple Bi-mode, BER (Bit Error Rate) testing.
- **OEM option:** “file watcher”, an utility integration program is available if requested.





IrSimple™



# ***IrSimple™ & IrDA® VFIR/FIR Windows Software & USB Dongle Bundle ACT-IrS402x: Compatibility List***

➤ **ACT-IrS402x, being IrSimple™ & IrReady™ officially certified, is assured to be compatible with any other “IrSimple™ certified” devices.**

➤ **IrSimple™ DSC (Digital Cameras):**

**FujiFilm:** Fine Pix-F31fd, F40fd, F50fd, F100fd, Z5fd, Z10fd, Z20fd, Z100fd, A800, A820, A900, A920.

➤ **IrSimple™ Camera Phones:**

**Sharp:** SH702iS, SH703i, SH704i, SH705i, 810SH, 813SH, SH902iS, SH902iSL, SH903i, SH904i, 814SH, 815SH, 910SH, 912SH, 913SH, W51SH, W52SH, W61SH.

**Casio:** W51CA, W53CA.

**Hitachi:** W51H, W52H.

**Kyocera:** W51K, W52K.

**Panasonic:** W52P.

**Toshiba:** W54T.

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# ACT-IrS402x (SW+U)

(Can Be In Secondary or Primary Role!)

**Automatic Selection Among: IrSimple™-Uni,  
IrSimple™-Bi and IrDA® Classic Modes**

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Camera phone

(IrSimple™/  
Bi-mode)



Windows PC



<Secondary  
or Primary>

DSC

(IrSimple™/  
Uni-mode)



ACT-IrS402x



<Primary or Secondary>

PDA  
(IrDA® Classic  
mode)



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**ACTiSYS**

IrSimple™



# *IrSimple™ & IrDA® VFIR/FIR Windows Software & USB Dongle Bundle*

*ACT-IrS402x (ACT-IrS402xSW+IrS402xU)*

## Specifications

- **Compatibility:**

Fully compliant with IrSimple-1.0 and IrDA-1.4 Spec., and USB 2.0

- **Communication Speed and Distance:**

SIR (9600, 19200, 38400, 57600, 115200 bps) at 1 ~158 cm; and

MIR (0.576 Mbps), FIR (4 Mbps) & VFIR (16 Mbps) at 1 ~ 100 cm

- **Power Source:**

Obtains power from PC USB port

- **Power Consumption:**

Active current < 400 mA; stand-by current < 0.5 mA

- **Dimension:**

47mm(L) X 18mm(W) X 9mm(H), 1.85”(L) X 0.7”(W) X 0.35”(H), excludes USB cable

- **Weight:**

5.7 g (0.2 oz), excludes the bundled USB cable

- **Operating / Storage Temperature:**

0° C to +60° C / -20° C to +85° C

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