



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 3.0 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/7/8/10/11.
- 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™



*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*

Camera phone
(IrSimple™/
Bi-mode)



Windows PC



<Secondary
or Primary>

DSC
(IrSimple™/
Uni-mode)



ACT-IrS402x

<Primary or Secondary>

PDA
(IrDA® Classic
mode)



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 3.0
- **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

 **ACTiSYS Corporation**

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