# User   Manual

## Federal Communications Commission (FCC) Statement

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment

## FCC- Class B

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a communications. However, there is no guarantee that interference will not occur in particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### Introduction

This USB IrDA adapter allows you to establish a wireless gateway for a desktop or laptop PC to transfer data via its USB port, to and from a portable device, i.e. cellular phone, PDA, digital camera, or laptop PC, providing the portable device has the same IrDA capability. This adapter is small in size, only about 50 x 18 x 10mm, and the data transfer rate is up to 115.2Kb/s with effective distance of about 1 meter range.

### Features

- USB Plug-n-Play compatible

- Fully compliant with USB specification Rev. 1.1

- Draws power directly from USB port, no external power source required

- Compliant with IrDA specification V1.3

- Maximum operating distance around 1 meter

- Support data rate at 2.4K-115.2Kbps (SIR)

- Low power consumption

- Dimension is 50 x 18 x 10mm

- Driver support for Windows 98, 98SE, ME, 2000 and XP

### Installation of USB IrDA adapter

Before the installation of the USB IrDA adapter, let us make the following assumptions:

1. The end user must have the basic knowledge of installing an external device and its driver to a PC. If they are not sure about their abilities or have any queries, please call their local dealer immediately, or find somebody who are experienced and qualified for assistance.
2. The computer has been properly installed with the supporting Windows operating system.

### Installing Windows drivers for USB IrDA adapter

1. Start Windows
2. Connect the USB IrDA adapter to any available USB port. Windows should automatically detect a new device and prompt you for the driver.

3. Insert the Driver CD which came with the adapter into the CDROM drive.

4. The driver is located in *\S110\IRDA\* folder of the Driver CD.

5. Follow the instructions to finish installing the driver.

6. Now, the USB IrDA adapter is ready to use.

## How to update driver for USB IrDA adapter

1. Start Windows.

2. Move the mouse cursor to **My Computer** icon and click the right side mouse button.

3. Select **Properties**. System Properties window will pop-up.

4. Click on the **Hardware** tab and then select **Device Manager**.

5. At Device Manager, double click on **Infrared devices**.

6. Under Infrared devices, double click on **UIR1100A USB-IrDA Bridge**.

7. Click the **Driver** tab located at the top of the UIR1100A USB-IrDA Bridge Properties window and then click on the **Update Driver** button.

8. At Hardware Update Wizard window, select **Install from a list or specific location (Advanced)** and click the **Next** button to continue.

9. Select **Search for the best drivers in these locations**.

10. Select only **Include this location in the search:** and then click on the **Browse** button.

11. At the Browse for Folder window, select the location where the new driver is located and click the **OK** button.

12. Follow the instructions to complete updating the driver.

## To check if the USB IrDA adapter is properly installed

1. Go to **Device Manager.**

2. Double click on **Infrared devices**

3. You will find a device **UIR1100A USB-IrDA Bridge** under this category

4. Double click this icon, the **Properties** menu of this device should appear

5. Check the **Device status** under the **General** category

6. A message of "**This device is working properly**" should shown

## Notice:

If there is an exclamation or question mark shown against the USB IrDA adapter or the adapter is completely unrecognized by the system, check the followings

1. If the driver of the USB port on the system is installed properly.

2. The driver for the USB IrDA adapter is installed straightly according to the procedure listed above

3. Uninstall the old version drivers or the drivers for other IrDA adapters

4. In the worst case, the USB IrDA adapter is deflective. Contact your local dealer immediately