

# User's manual

## HS6630WC

V1.0



# IMPORTANT SAFETY INSTRUCTUIONS

Please read and observe all warnings and instructions given in this manual and those marked on the unit before use of the unit.

## DANGER

- ★ Avoid direct contacts to water, moisture, any sorts of beverages, excessive heat and magnetic sources.
- ★ Do not handle the unit in with wet hands, especially when plugging or unplugging, to avoid electric shocks.

## WARNING

- ★ Do not disassemble, modify, tamper or repair the unit yourself. Refer all servicing to qualified service personnel.
- ★ Do not drop or expose the unit to excessive shock.
- ★ Keep the device out of direct sun light, wind, high-humidity and dusts.
- ★ Plug in USB Transmitter properly. If reversely plugged, that may cause harmful damages.
- ★ Do not place the unit on hot area or block the ventilator of the unit to avoid overheat.

## CAUTION

- ★ Do not relocate the unit while in use. That may cause malfunctioning of the unit.
- ★ Use the correct power source only.
- ★ Never place the unit or AC adaptor on a heat sensitive surface
- ★ Never allow any liquids to spill into any part of your product, and never expose the product to rain, water, seawater or moisture.
- ★ Never operate the unit during a thunderstorm.

# FCC information

## FCC notice "Declaration of Conformity Information"

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 residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a 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:

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

## FCC Conditions

This equipment has been tested and found to comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference
- (2) This device must accept any interference received, including interference that may cause undesired operation.

UWB devices operating under the provisions of this section must be hand held, i.e., they are relatively small devices that are primarily hand held while being operated and do not employ a fixed infrastructure.

## FCC Notice "Equipment Authorization" Information

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

This device is authorized under Title 47 CFR 15.519 (the FCC Rules and Regulations).

The operation of this device is subject to the following restriction:

The changes or substitutions of the antennas which are furnished with the device is prohibited.

UWB devices may not be employed for the operation of toys. Operation onboard an aircraft, a ship or satellite is prohibited.

A UWB device operating under the provisions of this section shall transmit only when it is sending information to an associated receiver. The UWB intentional radiator shall cease transmission within 10 seconds unless it receives an acknowledgement from the associated receiver that its transmission is being received. An acknowledgement of reception must continue to be received by the UWB intentional radiator at least every 10 seconds or the UWB device must cease transmitting.

# IC Statement

## **This UWB RF apparatus complies with Canadian RSS-GEN.**

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## **RF exposure**

This device and its antenna(s) must not be co-located or operation in conjunction with any other antenna or transmitter.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## EU Limitations

**This device may not be installed into road or rail vehicles.**

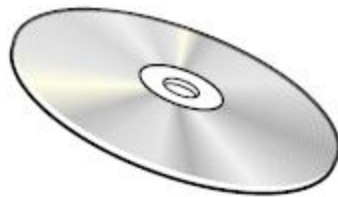
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## 1. Package Components



Wireless Dongle



User Manual

## 2. Computer requirements

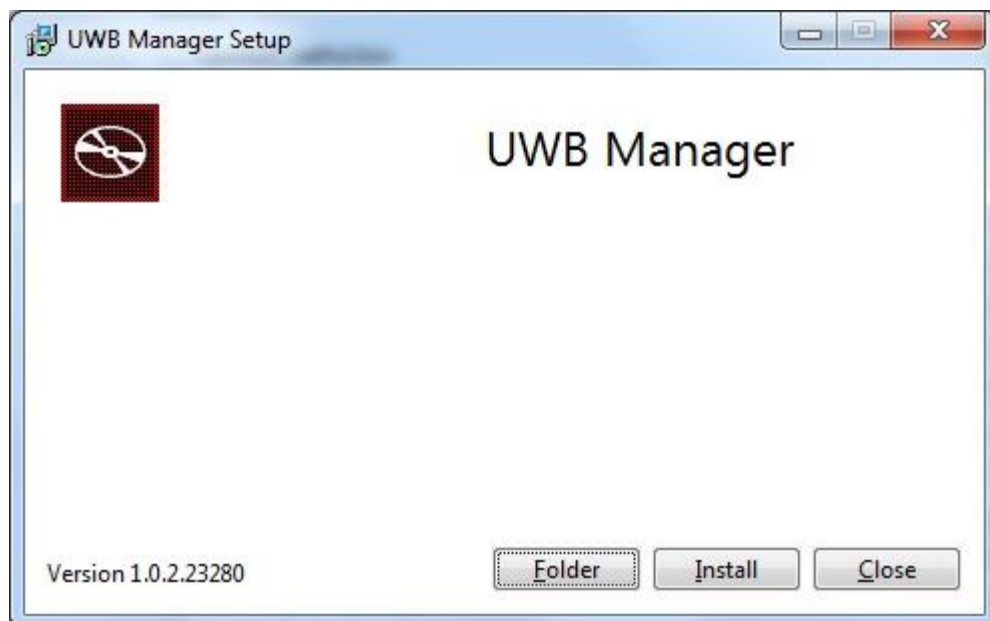
- ❖ 1.2 GHz or higher processor (Intel® Pentium®/Celeron® family, or AMD K6®/AMD Athlon™/AMD Duron™ family, or compatible processor recommended. Intel® Core™ 2 Duo 2.0 GB or higher processor recommended for optimal video performance.)
- ❖ 512 MB memory or higher (1 GB memory or higher recommended)
- ❖ USB 2.0 or USB 3.0 port
- ❖ 50 MB of available disk space
- ❖ Microsoft® Windows® XP (32-bit edition) with SP2/SP3, or Microsoft® Windows Vista® (32-bit or 64-bit editions) with SP1 or Microsoft® Windows 7, 8 ® (32-bit or 64-bit editions).

### 3. S/W installation

- Put the CD to computer CD driver which is provided.

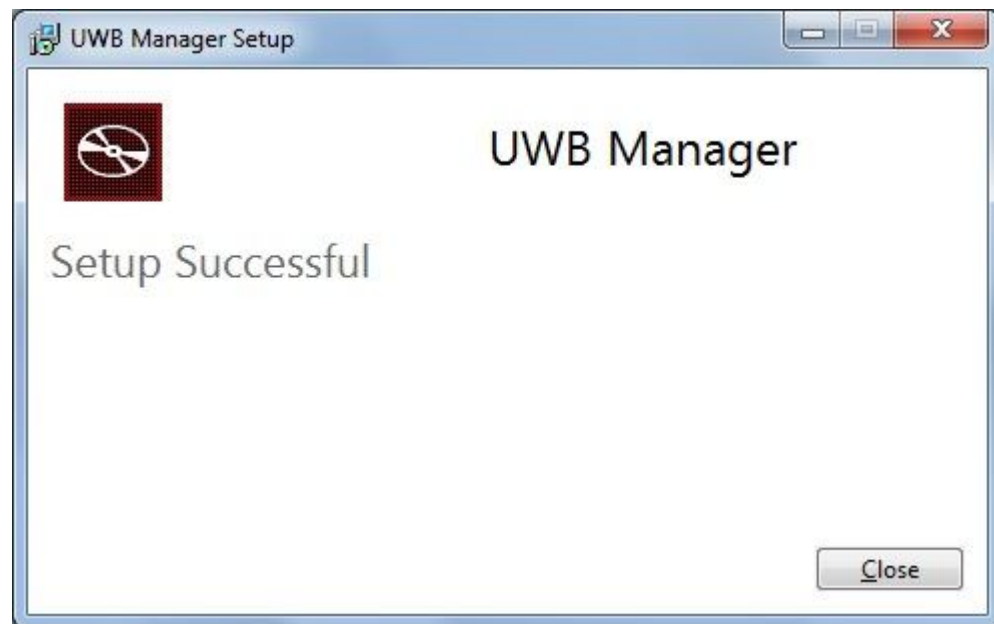


- Click the installation program in the CD
- Install Wireless USB driver. Click Install





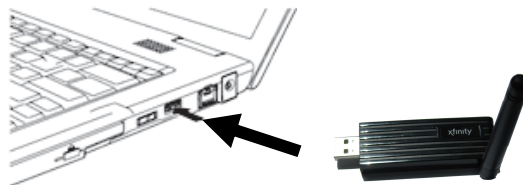
- Click the finish and complete the wireless manager program.



- Reboot the computer after finishing the installation.

#### 4. Connecting Wireless USB dongle to USB port

- Plug the USB dongle to the USB port in computer.



*NOTE: you can use USB extension cable if your computer is desktop PC. Be careful there is no object between USB dongle and receiver.*

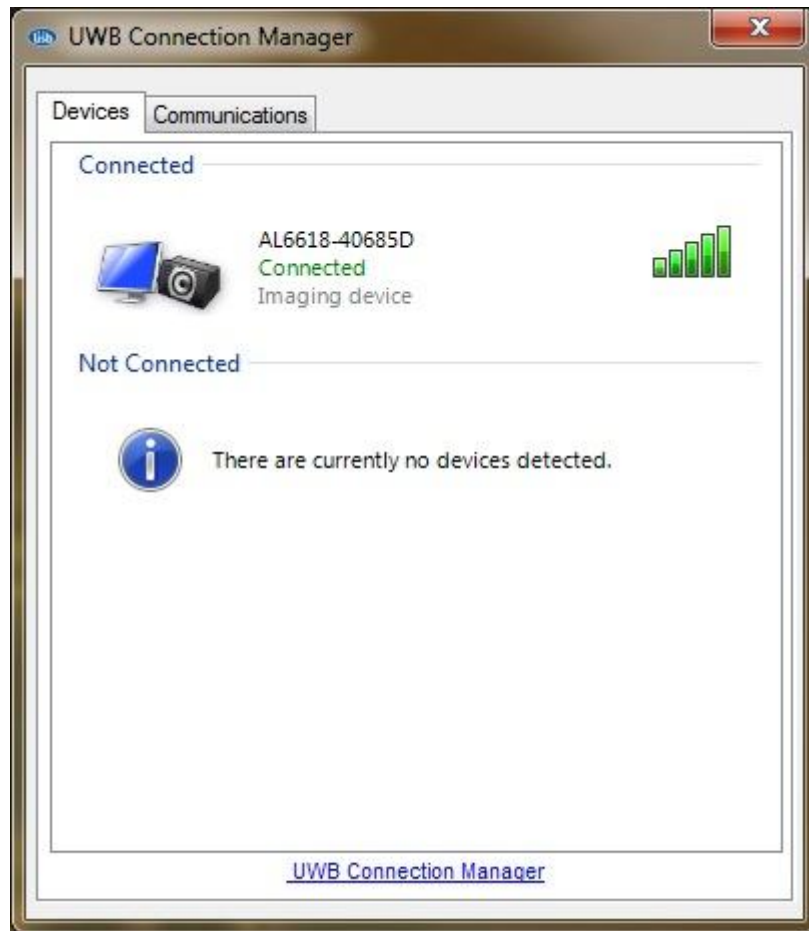
- New hardware device installation message is showed in the tray. Please wait until completing of the installation.
- If new device installation is completed, click the "wireless Connection Manager" for running the program. Then you can see the connectable imaging device.



( Wireless Connection Manager icon)



- If you select and click the Imaging device and it becomes Connected Imaging device. If you want automatic connection, click the right button of mouse and select "Set as default".



## 5. Cautions

This device uses ultra high frequency radio. Therefore if there's an object like concrete wall or furniture etc, between USB dongle and receiver device, the radio performance will be decreased much. Any obstacle objects should not be between USB dongle and receiver. The operating range is 5~10m and it can be varied according the environment.

## 6. HS6630WC specification

Wireless USB dongle	
Model Name	HS6630WC
Wireless Technology	UWB(Ultra Wide Band)/IEEE 802.15.3a
Data rate	53.3~480Mbps
Band Group (BG) for USA	1 (3.168 GHz ~ 4.752 GHz)
Band Group (BG) for Canada	N/A
Band Group (BG) for Europe	N/A
PC interface	USB 2.0
Power	USB self powered
Operating System Support	Microsoft Windows XP with SP2 Microsoft Vista 32/64 Microsoft Windows 7, 8.1
Operating condition	5 to 35°C(41 to 95 °F) / 20 to 80 % relative humidity
Non-operating condition	-20 to 65°C(-4 to 149 °F)/10 to 90% relative humidity
Warranty	Two-year limited warranty