

USER MANUAL

GWIR-030M

WIRELESS HD VIDEO WIRELESS HD VIDEO

Transmitter : GWIR-030M-T

Receiver : GWIR-030M-R

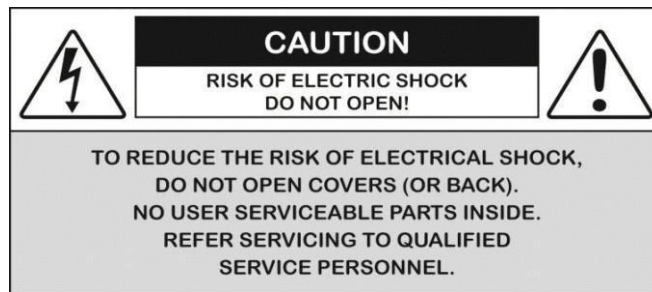


Features

- Support point-to-point transmission.
- Support devices with HDMI output, such as Blue-Ray Player, HD Media Player, IPTV, PC, Laptop and PS3 etc.
- 60GHz wireless HD video transmission, transmitting bit rate up to 4Gbps
- Real time, latency within 1ms.
- Support 3D 720P/1080P. Support digital audio up to 7.1.
- Support HDCP 2.0.
- Full hardware design, plug-and-play.



Please read the Manual before attempting to use this product. Specifications and appearance are subject to change without notice.



Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems).

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.



Caution

1. Handle this product with care
Avoid any shock or bumping of the product. Improper handling could damage the product.
Do not handle the unit with wet hands. Provide proper ventilation and air circulation and do not use near water.
2. Requires a proper operating environment
This product is not waterproof and is designed for indoor use. The allowable temperature range for operation of this product is between 0°C~40°C / 32°F~104°F
3. Check the power source voltage
The power source voltage should be within the specified range. (Product must meet the specifications).
4. Objects and liquid entry
Never push objects of any kind into this product as this may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill any kind of liquid on the product.
5. Cleaning
Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.
6. Servicing
Do not attempt to service this product by yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all service to qualified servicing personnel.

Packing List

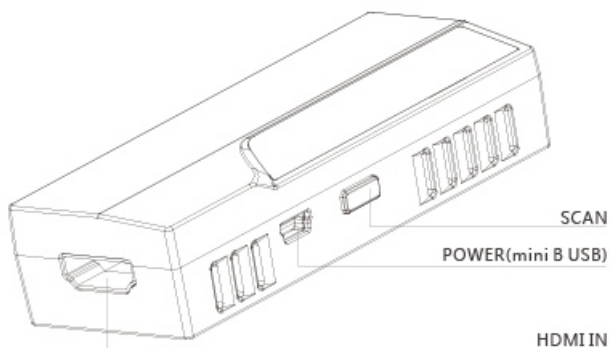
Please check the packing list carefully, if any parts is missed, please contact your dealer. Components of all models are subject to the following packing list.

GWIR-030M-T	 Wireless HD Transmitter	 USB Adapter (5V/1A) x 1(Option)	 USB Cable x 1	 HDMI Cable x 1
	 Sticky / Hanger x 1	 180 HDMI Connector x1		
GWIR-030M-R	 Wireless HD Receiver	 USB Adapter (5V/1A) x 1 (Option)	 USB Cable x 1	 HDMI Cable x 1 (Option)
	 Sticky / Hanger x 1	 180 HDMI Connector x1 (Option)		

* Please take all the actual accessories as the standard.

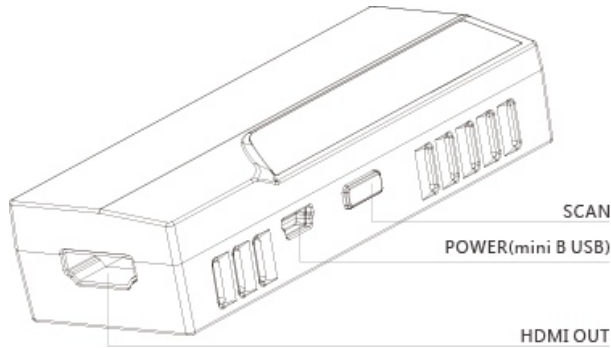
Structure & Interface

Wireless HD Transmitter:



1. SCAN: Short press to wake up when product is in stand-by status
Short press to connect to RX in working status under point to point mode.
2. POWER(mini B USB):mini USB socket for power supplying by USB cable.
3. HDMI IN :for audio and video input.

Wireless HD Receiver:

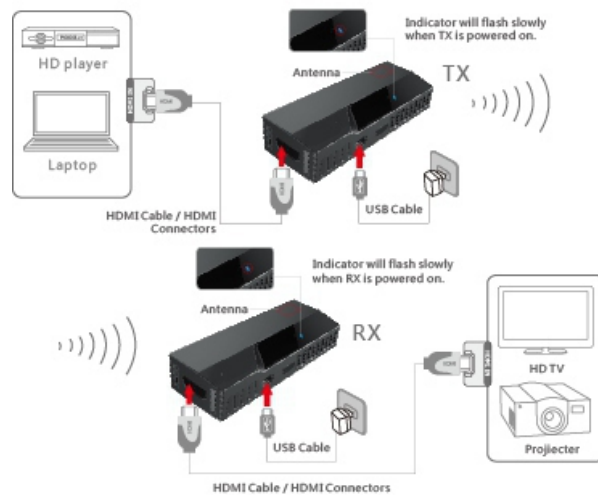


1. SCAN: Short press to wake up when product is in stand-by status
No need to press SCAN key in working status under point to point mode.
2. POWER(mini B USB): mini USB socket for power supplying by USB cable.
3. HDMI OUT :for audio and video input.

Product Installation

1. Connect the TX/RX to the source /display with HDMI cable / connector, connect the TX to available USB outlet for power, connect the RX with adapter and power on the products.











Indicators of TX&RX will flash slowly when the products are powered on.



2. When the products are powered on and indicators of TX&RX are flashing slowly, please press code key of TX for 1 sec and then release, and both indicators will be flashing rapidly which means the pairing process is done. (Original pack of TX and RX were paired as default set in the factory already and shall disregard current step.)
3. When the AV source player&display are powered on and the indicators of TX&RX light on steadily, the video output is working normally.

Note: To obtain best performance of range , please always keep the antennas surfaces of TX and RX are facing to each other.

Indicators

Model	Indicator	Indicator Status	Working Status
	Network Indicator	 OFF  Flash slowly  Flash slowly  ON	No power on or in stand- by status TX and RX are unconnected. TX and RX are connected. AV is normally transmitted
	Network Indicator	 OFF  Flash slowly  Flash slowly  ON	No power on or in stand- by status TX and RX are unconnected. TX and RX are connected. AV is received and output normally

Specification

Frequency	HRP2: 59.40---61.56Ghz; HRP3: 61.56---63.72Ghz
Modulation mod	16QAM
Wireless standard	WirelessHD1.1
Frequency Stability	±10PPM
Bandwidth	1.76GHZ/HPR
Transmission power	28dbm(MAX)
Antenna gain	18dbi(MAX)
Antenna Angle	-80°~80°
Receiving sensitivity	-72dbm
Audio and Video interface	HDMI
Video resolution	2D: 480i,480p, 576i,576p, 720p, 1080i, 1080p 3D:720p,1080p PC: VGA (640x480), SVGA (800x600), XGA (1024x768),
Audio format	PCM、AAC、Dolby Digital 2.0/5.1、DTS 5.1、LPCM 5.1/7.1
System latency	≤1ms
Range	30M LOS(MAX)
Power consumption	3.3W(MAX)
Power supply	DC 5V/1A
Protected Overvoltage	6~17V
Operation Temperature	0-60°C
Storage Temperature	-20°C - + 80
Operation Humidity	15% - 85%
Dimension	89.5*34.5*20mm
Weight	50g(+ 3g)

* We are improving the products continuously. he specification may be upgraded with necessary change without notification.

Trouble Shooting

GWIR-030M-T GWIR-030M-R Connection failure	TX or RX is not turned on	Power on both TX and RX
	TX and RX are out of effective range	Approach RX and TX to effected range
	TX and RX are not paired yet	Power on TX and RX, and press code key of TX for 1s
	Obstacles exsist in the antenna area	keep no obstacle in front of the TX/RX antenna at least 2m range
GWIR-030M-T GWIR-030M-R No video output	Antenna angle is out of effective range	Make the TX antenna and RX antenna directly facing to each other
	The source is not turned on	Turn on the source
	The displayer is not turned on	Turn on the displayer
	The resolution is not supported	Change the resolution