
W3102 HDMI Wireless extender

User manual

1. Description

The W3102 wireless display adapter projects smart devices with small screens such as smartphone, tablet, laptop, PC and Mac onto large screens such as HD TVs, displays, and projectors in a wireless manner. It suitable for large screen viewing, game casting, live casting, conference casting and sharing screen content. The device is compact and light, smooth picture, stable transmission, and is a excellent wireless display adapter product.

2.Features

- Compatible with HDMI1.4 standard, resolution is 3840*2160@30Hz, downward compatible.
- Support HDCP1.4 standard-high bandwidth digital content protection technology.
- Supports wireless 802.11ac, 5G band transmission.
- Support wireless display mode Airplay、Miracast.
- No driver installation.

3. Package list

- | | |
|----------------------------------|------|
| ● W3102 wireless display adapter | 1pcs |
| ● USB-A to USB-C cable | 1pcs |
| ● HDMI male to HDMI female cable | 1pcs |
| ● User Manual | 1pcs |
| ● Warranty card | 1pcs |

4. Specifications

Parameter		Description
Video	Standards	HDMI 1.4, HDCP 1.4
	Maximum pixel clock	340MHz
	Maximum data rate	10.2Gbps
	Maximum resolution	3840*2160@30Hz
	Connector	HDMI-A
Wireless	Wireless network	5Ghz
	Transmission Distance	Max. transmission distance: 10m Recommended usage distance: 6m
Functions	Wireless display mode	Airplay, Miracast
	System	iOS, Android, MacOS, Windows
Other	Power supply	The power adapter:DC 5V
	Power dissipation	MAX 2.5W
	Temperature	Operating: -5°C ~ +70°C
	Humidity	Operating: 5% ~ 90%
	Dimension	89.16*34*11mm
	The warranty	1 year free warranty

5. Interface specification



Port name	Description
①	HD video signal output interface
②	Status indicator: Light On: the device is functioning properly. Light Off: the device is not functioning properly.
③	Button: 1.Short press switch mode: pairing mode and setting mode;. 2.Press and hold for 10 seconds to reset to factory settings.
④	Power input interface

6. Operation steps

1. Using one USB-A to USB-C cable to connect the Type-C interface of the receiver to the power adapter.
2. Connect the device to the HDMI interface of the display.
3. When the signal status indicator light is on, it indicates that the system is operating normally.
4. Make sure to select the correct input channel on the display.

Note1: Steps for screen mirroring with iPhone/iPad:

1. Use your Apple device, swipe down from the top of the screen to open the Control Center, then tap the screen mirroring icon. As shown in Figure 1-1.
2. Select the target device from the list of available devices and click to confirm the screen projection. As shown in Figure 1-2.
3. For the first connection of an Apple device, you may need to enter the SSID password. The screen mirroring interface will display the password for the corresponding SSID, just enter it. As shown in Figure 1-3.
4. After a successful projection, the corresponding device code will be checked, and the screen will be mirrored to the designated display device. As shown in Figure 1-4.

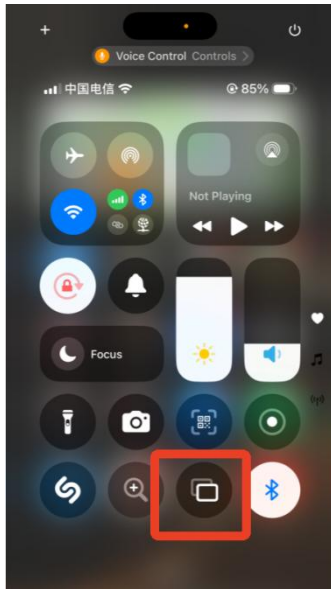


Figure 1-1

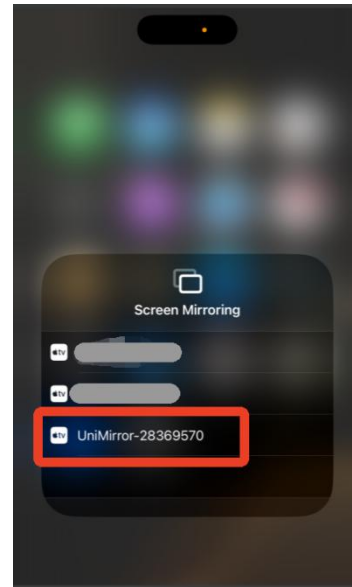


Figure 1-2

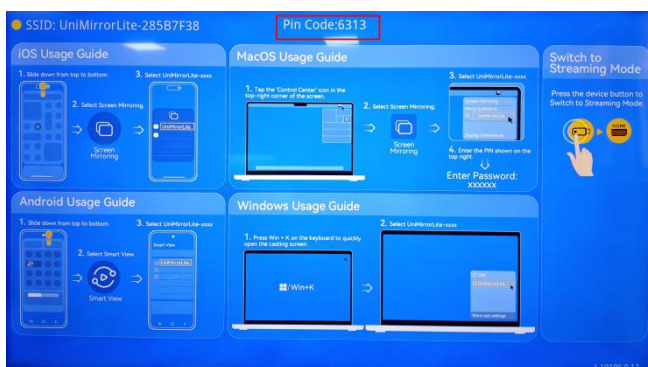


Figure 1-3

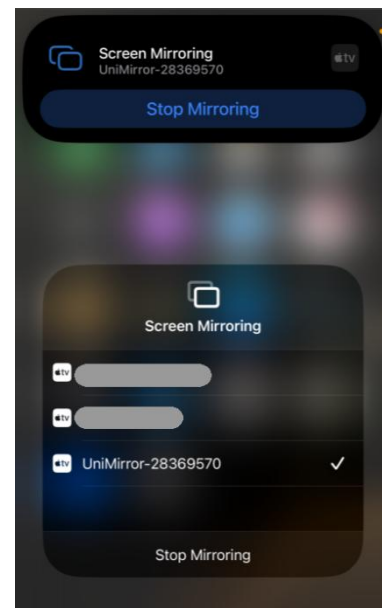


Figure 1-4

Note2: Steps for screen mirroring with Android/Harmony phone:

1. Find "Settings" on your phone and enter the settings interface. As shown in Figure 2-1.
2. Find "More Connections" in the device interface, click on it, then find "Screen Mirroring" and enter the screen mirroring interface. As shown in Figure 2-2 and 2-3.

3. Turn on the projection switch in the projection interface, then select the target device from the list of available devices and click to confirm the projection. As shown in Figure 2-4 and 2-5.
4. After the screen casting is successful, the screen casting switch button lights up. As shown in Figure 2-6.



Figure 2-1

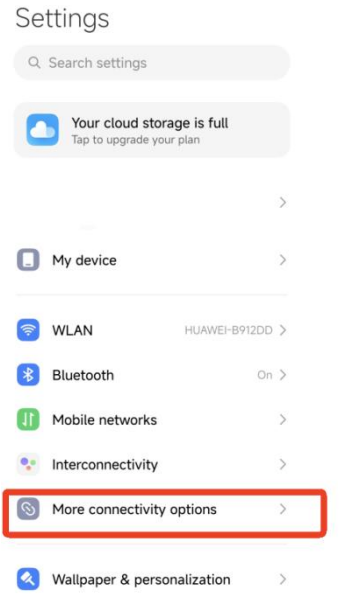


Figure 2-2

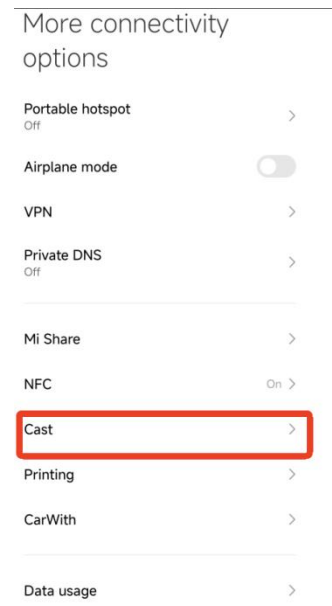


Figure 2-3

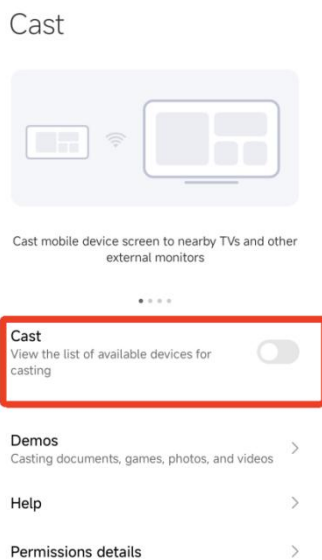


Figure 2-4



Figure 2-5

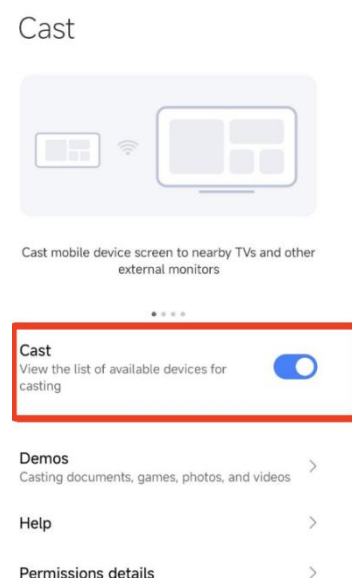


Figure 2-6

Note3: Steps for screen mirroring with Android/Harmony tablet:

1. Find "Settings" on your tablet and enter the settings interface. As shown in Figure 3-1.
2. Find "More Connections" in the device interface, click on it, then find "Screen Mirroring" and enter the screen mirroring interface. As shown in Figure 3-2 and 3-3.
3. Turn on the projection switch in the projection interface, then select the target device from the list of available devices and click to confirm the projection. As shown in Figure 3-4 and 3-5.
4. After the screen casting is successful, the screen casting switch button lights up. As shown in Figure 3-6.



Figure 3-1

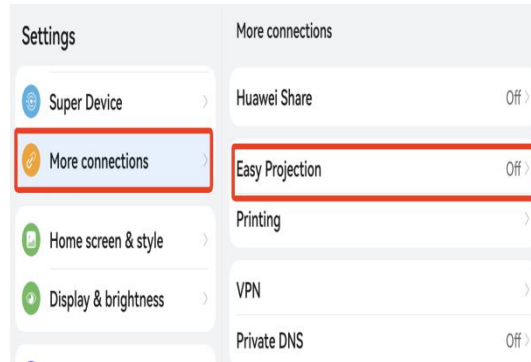


Figure 3-2

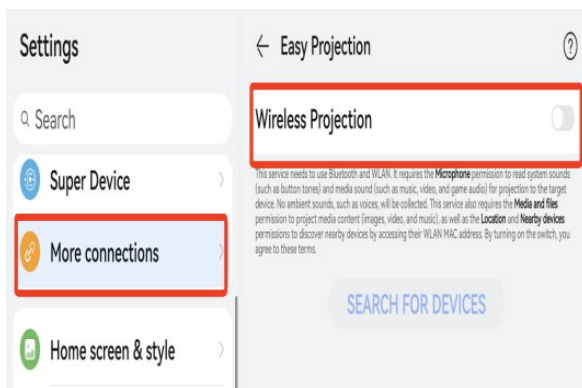


Figure 3-3

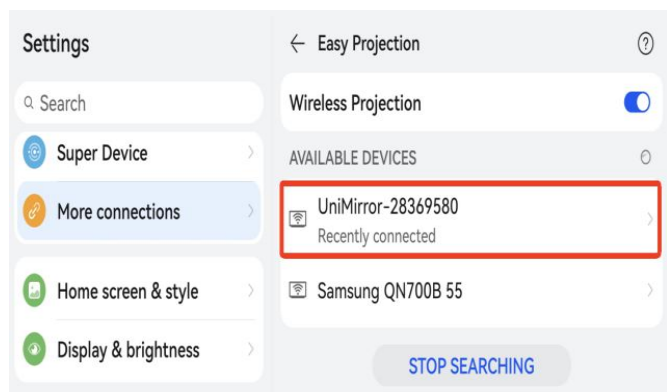


Figure 3-4

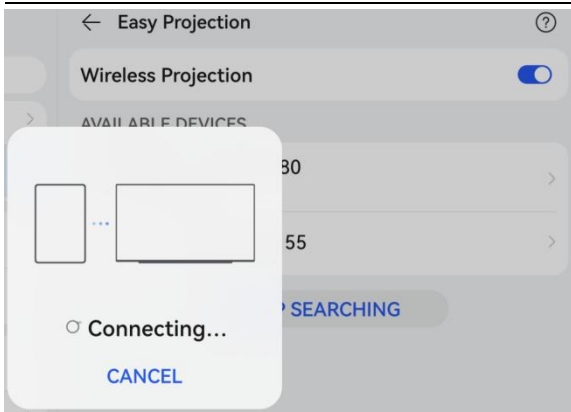


Figure 3-5

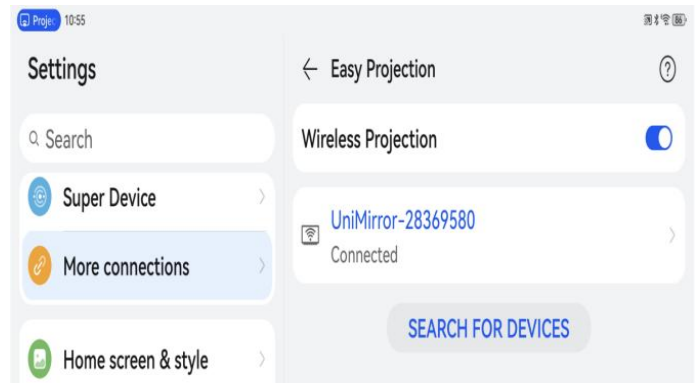


Figure 3-6

Note4: Steps for screen mirroring with Windows PC:

1. Click the right mouse button, find the "Display Settings" option and click to enter the screen interface. As shown in Figure 4-1.
2. Find the "Connect to Wireless Display" option on the screen interface, and then click, as shown in Figure 4-2;
3. After clicking the link, a list of available displays will pop up in the lower right corner of your laptop. Find the device you want to project to and connect it. After a successful connection, the display will show its projection status, and options such as copy, extend, etc. will be available. As shown in Figure 4-3 and 4-4.

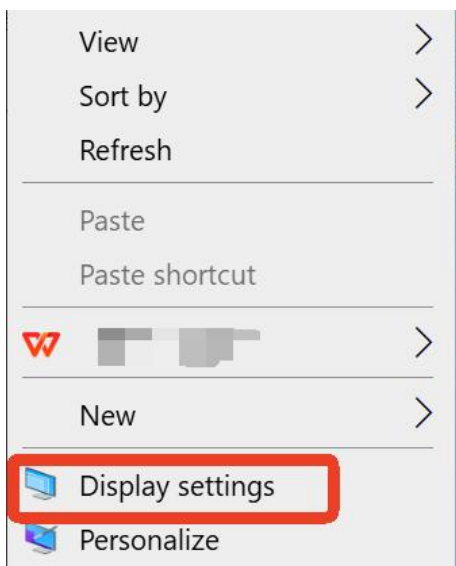


Figure 4-1

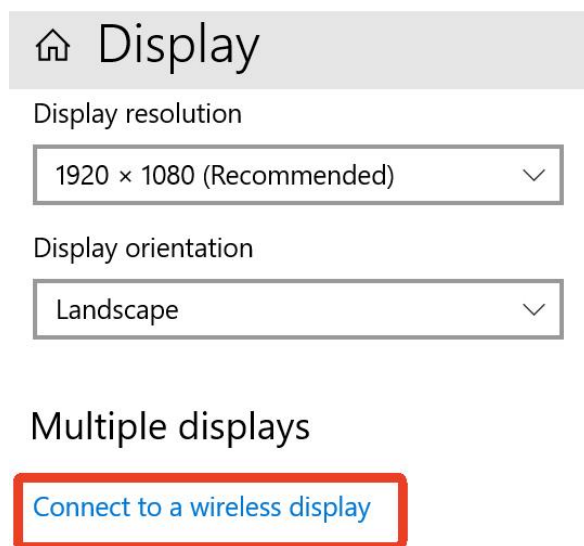


Figure 4-2

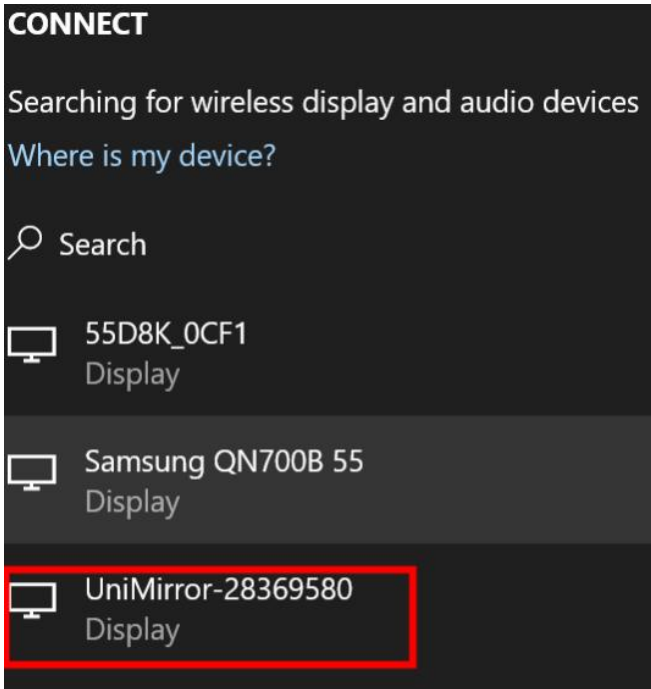


Figure 4-3

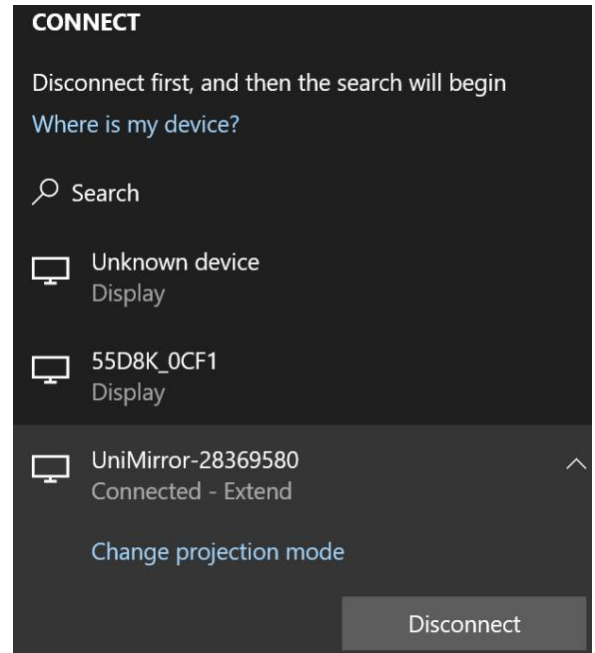


Figure 4-4

7. Screen mirroring settings

1、If currently in "Home Page" mode, there is no need to press the button. If in "Peer to Mirroring" mode, press the button and wait to enter "Home Page" mode from "Peer to Mirroring" mode, as shown in Figure 5-1 and Figure 5-2.

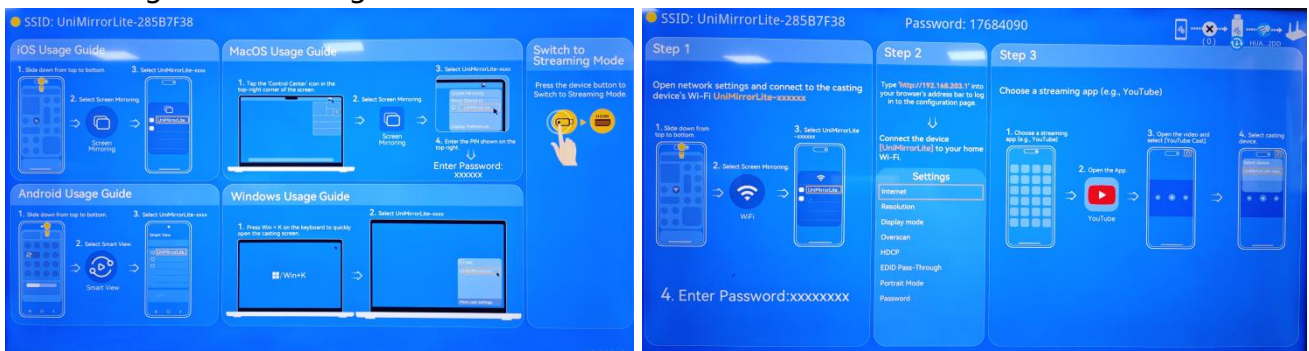


图 5-1

图 5-2

2、Open the WiFi list on your phone, tablet, or computer, find and connect to the WiFi named "EZCast2-xxxxxxx" (as shown in Figure 5-3), enter the password on the screen to connect (as shown in Figure 5-4), and the connection is successful (as shown in Figure 5-5).

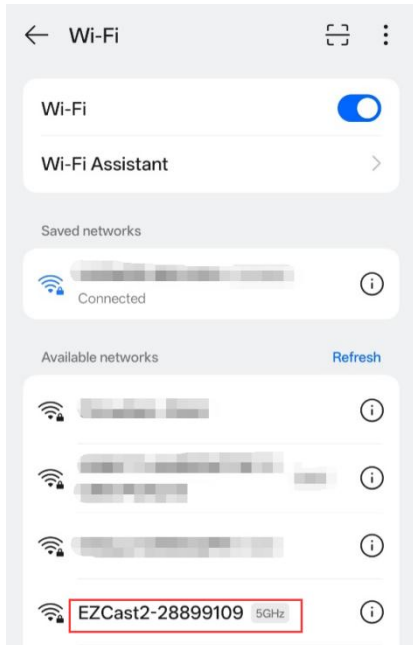


图 5-3

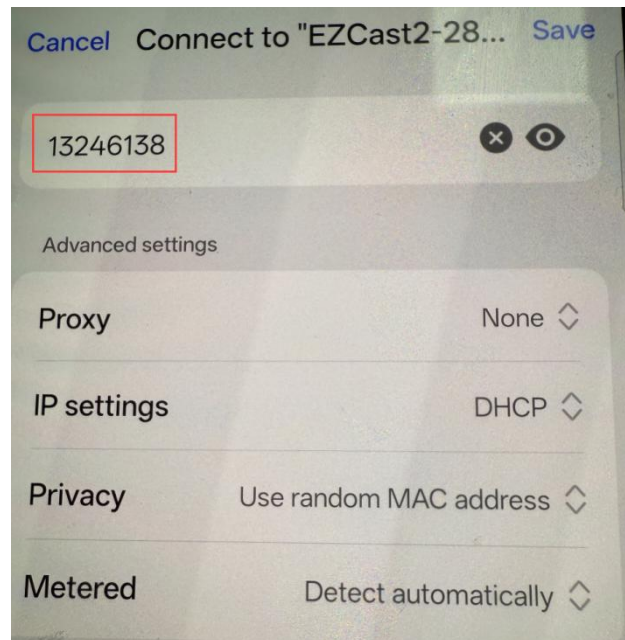


图 5-4



图 5-5

3、Open the mobile browser (as shown in Figure 5-6), enter "192.168.203.1" (as shown in Figure 5-7) in the search bar to enter the setting interface. The first time you enter the interface is to connect to the Internet (as shown in Figure 5-8). If you do not need to connect the projector to the Internet, press the arrow at the top left corner to return to the setting list (as shown in Figure 5-9).



图 5-6

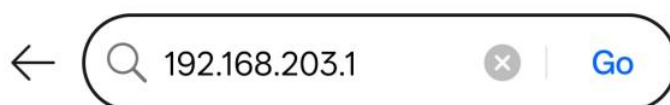


图 5-7



图 5-8

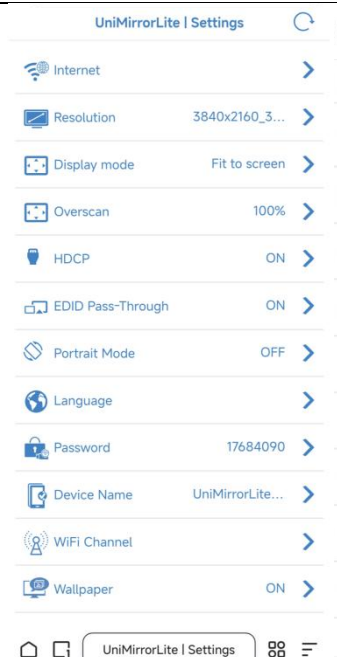
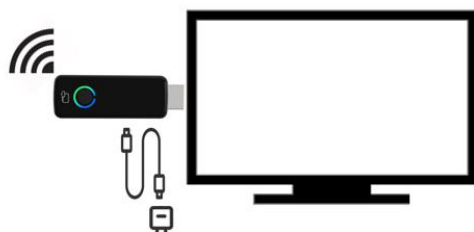


图 5-9

4、In the settings, you can set the Internet, resolution, language, WiFi name, WiFi password, etc.

8. Diagram

Receiver: W3102



Transmitter



9. Warranty

Thank you for using this product. In order to protect your rights, please read the following protection terms carefully:

We provide 1 year warranty and lifetime maintenance after-sales service for this product. During the one-year warranty period from the time of purchase, the company will provide customers with free maintenance services due to hardware failures caused by the quality of the product itself.

Please keep the user manual in a place where safety and easy to find so that you can read it immediately when needed.

Safety instruction:

- Please do not disassemble this product by yourself because it doesn't including DIY function.
- Please keep the product away from water in case damaged, because it is not waterproof design.
- Please use dry cloth when clean the product surface.
- Please do not use this product in environments that are too humid or too hot.
- Please avoid contact with corrosive substances.
- When there is damage or other physical damage to the product, please stop using and contact customer service to get support.

10. FCC Warning

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.

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

Note: 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:

- 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.