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MiraScreen G20 Wireless Display Adapter User Manual

Wireless Display
Bring smartphone entertainment to the big screen!

User manual
Ver. B 1.0

Contents

Instruction

MiraScreen is a wireless screen mirroring receiver. With MiraScreen users can easily cast videos or games from a small screen to a big screen. MiraScreen supports multi-OS mirroring which includes Windows, macOS, Android, and iOS. Ongoing free firmware is provided to catch up latest devices. Please follow the user guide below to complete the setup. Happy Mirroring!

Dos and Don'ts and Troubleshooting

1. This device is used for the transmission of data via WiFi. Please don't cloak the device with metal.
2. The device is poor in wall-penetrating capability. Please don't use it where there are partition walls.
3. For the availability of a good experience, the phone or computer is ideally 3-5 meters away from the device.
4. If the TV interface still does not display properly or SSID, Password, and IP still don't appear after replacing the 5V2A power adapter, please contact After-Sales via post-sales email and we will address your issues as soon as possible.

Technical support email: Support@MiraScreen.com

Hardware Installation

1. Connect WiFi antenna with wireless screen mirroring receiver, and then connect another plug of WiFi antenna to a USB adapter (5V2A).
2. Connect the wireless screen mirroring receiver to an HDTV input port on your TV.
3. Use the TV remote control to select the corresponding TV input signal source.

* For example, when HDTV is inserted into the HDTV 1 interface, the HDTV 1 signal source needs to be selected, and the boot-up diagram will appear on the display device.

Device Network Settings

Connect to Home Router WiFi

When using it for the first time, please give priority to connecting the device to the home WiFi router.

1. Click WiFi on the phone settings page, Find the MiraScreen device from WLAN (Name is MiraScreen-XXXX Default password is 12345678 .
2. Turn on Phone/Pad Browser, input 192.168.203.1
3. Click WiFi AP, and Scan, Choose available WiFi.
4. Connect the Input password and click Connect.
   The function applies to iPhone/iPad/Android Devices.

User Interface Introduction

1. Adapter's name
2. Password

3. Router's Name (Blank If Not Online)
4. IP

Mirroring Setup

Setup for iOS

Direct Connect for iOS

1. From iPhone/iPad's Setting/WiFi, find the Hot Spot of MiraScreen and connect it.
   For example MiraScreen-XXXX.
   Default Password: 12345678(Modifiable)

   Make sure both dongle and mobile phone are connected to the same router wifi.
2. Slide Screen and go to Apple's control center, click. "Airplay Mirroring", then select MiraScreen.

Setup for macOS

Direct connection for macOS

1. Turn on MacBook wifi to discover the MiraScreen network (MiraScreen-XXXX for example) and tap the network to connect.
   The default password is 12345678.

2. Turn on Airplay mirroring icon on the right top of the desktop corner. Tap MiraScreen name to connect, and then mirroring works.

Setup for Android

Method 1

1. Open the phone settings find wireless screen mirroring/wireless display/ wireless sharing/multi-screen

interaction, etc.

2. Search for MiraScreen wireless screen mirroring device and connect

Different brands of mobile phones/tablets wireless screen mirroring function setting path:
HUAWEI : Setting > Smart Assist > Multi-screen Interactive
Xiaomi: Settings>Connection&Sharing>Cast (Turn on cast)
OnePlus : Settings – Bluetooth & device connection – cast
OPPO: Settings>Other wireless connections>Screencast
MEIZU: Setting-Display > Projection Screen
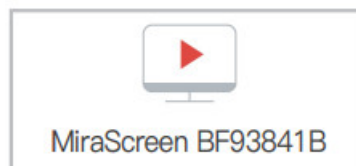**Lenovo:** Setting Display > Wireless Display
SAMSUNG: Phone From Top To Bottom > Smart View
VIVO: Settings>Other networks and connections>Smart Mirroring>Connect to a TV> Setting icon (Right top corner)>Screen mirroring

For more models, please contact the customer service email

Method 2 How to use Google home (please confirm that the device is connected to the home WiFi router) (please confirm that your purchased product and mobile phone support the Google home function)

1. Turn on the Android phone WiFi and confirm that the phone WiFi and the device are connected to the same WiFi router network.

2. Open Google Home, search the device SSID (name of device WiFi), and Click it to implement screen mirroring be found please refresh the homepage of Google

   Home. verity that your home WiFi appears in the upper right corner of the TV interface and that your Android

   phone and device are connected to the same network, after restarting your phone or device).

MiraScreen BF93841B

Setup for Windows

Method 1 Windows8.1/10 Operational Steps

1. Click on"Operation Center"
2. Select Connection
3. Find the MiraScreen device and click connect
4. Start to connect

Windows7 and above system operation steps

1. Download the EZMira software installation.
2. Click WiFi, find the MiraScreen hotspot, and connect.

Such as MiraScreen-XXXX Password: 12345678

3. Select Search Device, click the SSID name of the device to connect to Screen Mirroring

4. To connect to the network, click the EZMira icon > Settings > Internet > select the connected WI-FI name> enter the password and connect

Method 2 How to use google chrome.

Ensure that your PC WiFi is connected to your home WiFi and click the Google chrome control button in the upper right corner of the Google Chrome interface, select Cast, and then select SSID (name of the WiFi device) while waiting for the search. (If the device SSID is not found, please verify that your home WiFi name appears in the upper right corner of your home TV interface and that your PC and the device are connected to the same network, after restarting your PC or device).
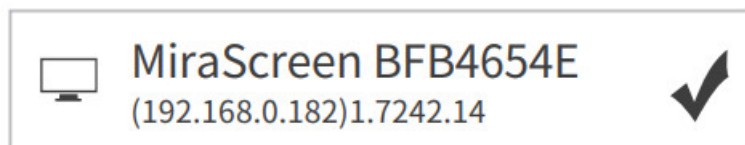

More advanced settings

EZMira Software Download

PC Request URL: https://mirascreen.com/pages/download-ezmira-for-windows
Mobile phone Request URL: https://mirascreen.com/pages/download
please scan the QR code on the TV screen to download the EZMira app Mobile phone users can also download the"EZMira" App in Google Play.

How to use the screen mirroring device's EZMiraAPP

1. Open EZMira APP and click "EZMira APP".

2. Select MiraScreen.

Wireless network selection (2.4G/5G) (2.4G version users please ignore this option) MiraScreen devices will operate on the same wireless frequency band as the home router. To use a 5G wireless network, please connect the MiraScreen device to the 5G band of your home router.

FCC Warning

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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 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. RF Exposure Statement
To maintain compliance with FCC's RF exposure guidelines, This equipment should be installed and operated with a minimum distance of 20cm from the radiator of your body. This device and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter.

Documents / Resources

MiraScreen G20 Wireless Display Adapter [pdf] User Manual
G20, 2A5TQ-G20, 2A5TQG20, G20 Wireless Display Adapter, Wireless Display Adapter

References

- **Download EZMira for Android / iOS – MiraScreen Visa Mastercard American Express PayPal**