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## HRpart E38

# HRpart Wireless HDMI Display Dongle Adapter

**MODEL: E38**

Instruction Manual

## 1. Product Overview

The HRpart Wireless HDMI Display Dongle Adapter (Model E38) is designed to facilitate screen mirroring and casting from various smart devices to larger display screens such as TVs, monitors, and projectors. This device eliminates the need for physical cables, offering a convenient wireless solution for enjoying multimedia content and presentations on a big screen.



Figure 1: HRpart Wireless HDMI Display Adapter, showcasing its compact design and HDMI connector.

## 2. Key Features

- **Wireless Screen Mirroring:** Enables casting and mirroring of content from Android and iOS devices to larger screens like TVs, monitors, or projectors.
- **Broad Compatibility:** Compatible with a wide range of HDMI output devices, including smartphones, tablets, laptops (Mac and Windows), and more.
- **Easy Setup:** Requires no additional applications for setup. Simply connect to an HDMI input and a 5V/1A power source. The dongle displays on-screen instructions for connection.
- **DLNA Support:** Features DLNA functionality for seamless media streaming.
- **Portable Design:** Compact dongle/stick form factor for easy transport and use.

## 3. Setup Guide

Follow these steps to set up your HRpart Wireless HDMI Display Adapter:

1. **Connect to Display:** Insert the HDMI connector of the dongle into an available HDMI port on your TV, monitor, or projector.
2. **Provide Power:** Connect the included USB power cable to the dongle's Micro-USB port and then to a 5V/1A USB power source. This can be a USB port on your display device (if available and provides sufficient power) or a separate USB power adapter (not included).
3. **Select Input:** Switch your display device's input source to the corresponding HDMI port where the dongle is connected.
4. **On-Screen Instructions:** The dongle will display a blue main screen with instructions for connecting your mobile device. This screen will show the SSID (Wi-Fi name) and password for the dongle's direct Wi-Fi signal, along with a QR code for easy connection.



## Small screen changes to giant screen in seconds

- Wireless display dongle support Mirroring/Casting screen for Android/ios
- When using casting screen Function, watching and chatting do not interfere with each other, which better protects privacy.

Figure 2: The dongle facilitates seamless transition from a small device screen to a large display.

Video 1: Official product video demonstrating the unboxing, setup, and basic mirroring functionality of the HRpart Wireless HDMI Display Dongle Adapter.

## 4. Operating Instructions

## 4.1. Connecting Your Device for Mirroring/Casting

The dongle supports both direct connection (no Wi-Fi router needed) and connection via your home Wi-Fi network for DLNA functionality.

### Method 1: Direct Connection (No Wi-Fi Router)

1. On your smartphone/tablet, go to Wi-Fi settings.
2. Find and connect to the dongle's Wi-Fi network (SSID: "Casttv-XXXX", where XXXX is a unique identifier). The password will be displayed on your TV screen (e.g., 12345678).
3. Once connected, activate the screen mirroring/casting feature on your device:
  - **For iOS (iPhone/iPad):** Swipe down from the top-right corner (or up from the bottom for older models) to open Control Center. Tap "Screen Mirroring" and select "Casttv-XXXX".
  - **For Android:** Look for "Smart View", "Screen Cast", "Wireless Display", or similar options in your quick settings or display settings. Select "Casttv-XXXX".
4. Your device's screen should now be mirrored on the connected display.

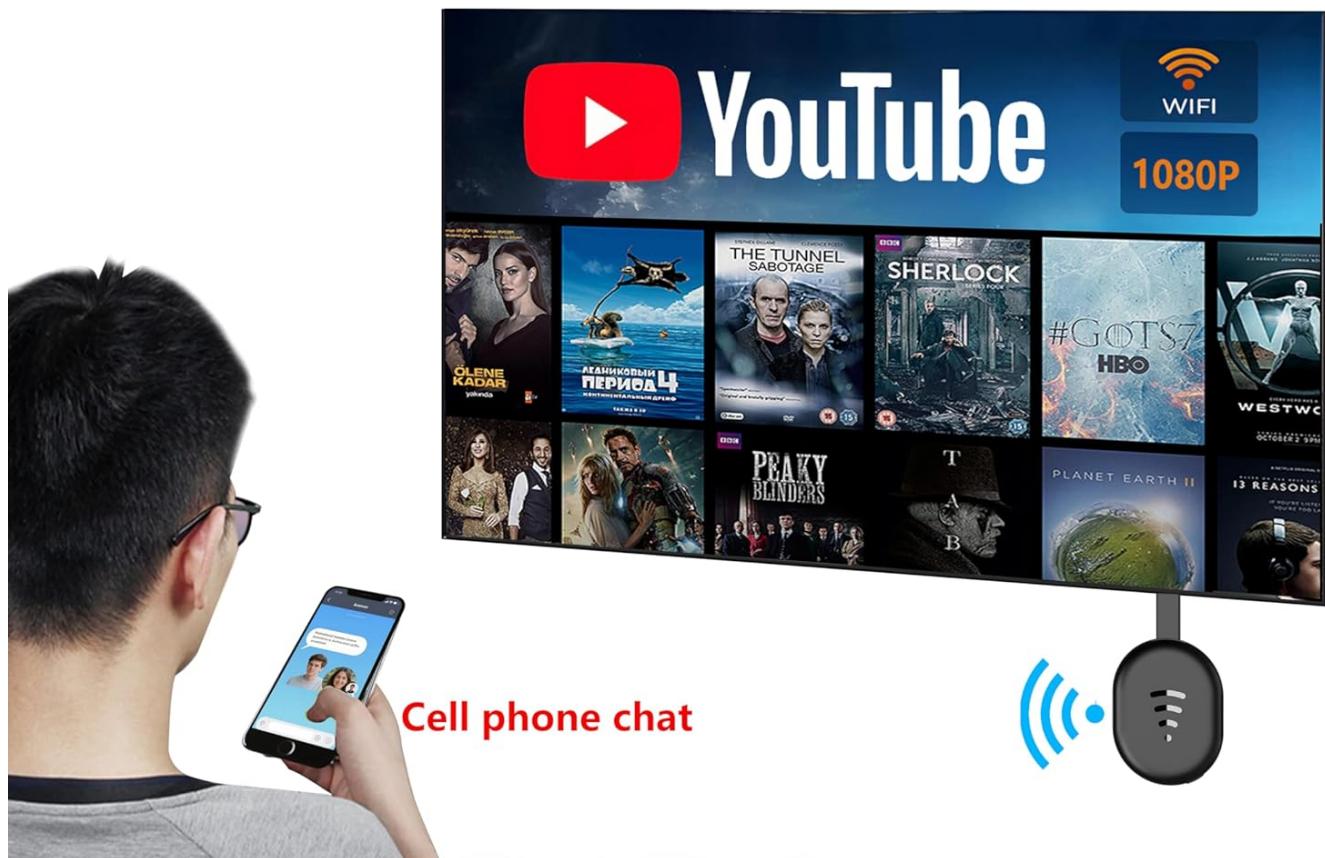


Figure 3: Visual guide for activating screen mirroring on both Android and iOS devices.

### Method 2: DLNA Functionality (Requires Wi-Fi Router)

DLNA mode allows your device to remain connected to your home Wi-Fi while casting content. This is ideal for streaming from apps like YouTube.

1. Ensure the dongle is powered on and connected to your display. The blue main screen should be visible.
2. On your smartphone/tablet, connect to the dongle's Wi-Fi network (SSID: "Casttv-XXXX").
3. Open your device's web browser and enter the IP address displayed on the TV screen (e.g., 192.168.69.1) to access the dongle's settings page.
4. On the settings page, select "Connect Wi-Fi" and choose your home Wi-Fi network from the list. Enter your home Wi-Fi password and confirm. The dongle will now connect to your home Wi-Fi.
5. Reconnect your smartphone/tablet to your home Wi-Fi network.
6. Open an audio or video application (e.g., YouTube) on your phone. Select the content you wish to play.
7. Once the content starts playing, tap the DLNA/Airplay screen casting button (often an icon resembling a screen with Wi-Fi waves or a cast icon) within the app.
8. Search for and select "Casttv-XXXX" to begin DLNA/Airplay playback.



## Mirror/cast streaming YouTube

**Broadcast Youtube:** HDTV Stick and phone connect the same WiFi→ Open the YouTube→

Tap the Cast button → Casttv-969F-DIAL

Figure 4: Example of casting YouTube content from a mobile phone to a TV using the dongle.



- Using a laptop, tablet, or phone connected to a projector is a fast and convenient way to display meeting content or teaching lectures. It's a great option.

Figure 5: The dongle can be used for business presentations, mirroring content from laptops or tablets to a projector or large screen.

## 5. Compatibility

The HRpart Wireless HDMI Display Dongle Adapter is designed for broad compatibility:

- **Operating Systems:** Fully compatible with iOS (iPhone, iPad) and Android devices. Also supports MacBooks and Windows devices.
- **Display Devices:** Works with any TV, monitor, or projector equipped with an HDMI input.
- **Supported Applications:** Generally supports free content streaming from platforms like YouTube, Facebook, Safari, Twitter, Reddit, and Office applications.
- **Unsupported Applications (HDCP Protected):** Please note that this device does **not** support content from subscribed paid applications with HDCP (High-bandwidth Digital Content Protection) video copyrights. This includes, but is not limited to, Netflix, Amazon Prime Video, Hulu, Comcast TV, and BT Sport.



iPhone



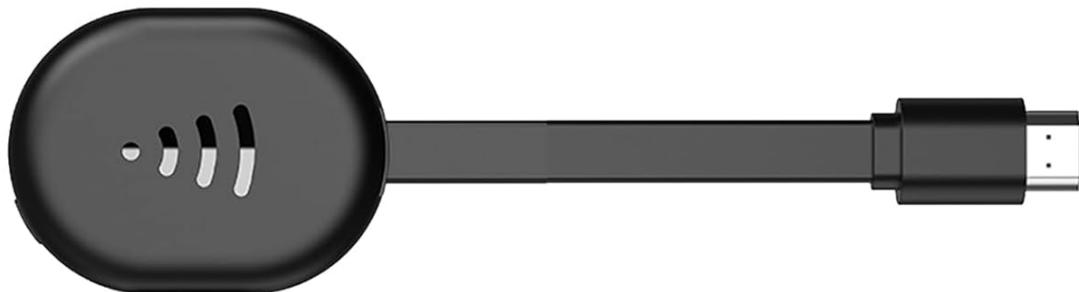
Android



iPad



MacBook



Projector



TV



Monitor

- iOS and Android are fully compatible
- Support most mobile phones and tablets with WiFi function

Figure 6: Visual representation of compatible devices including iPhone, Android, iPad, MacBook, Projector, TV, and Monitor.

# COMPATIBILITY

**Note: Don't support with some Subscribed paid Apps which have "HDCP" video copyrights protection.**



Figure 7: Chart indicating supported and unsupported streaming applications due to HDCP protection.

## 6. Specifications

Brand	HRpart
Model Name	E38
Connectivity Technology	Wireless
Connector Type	HDMI
Resolution	1080p
Supported Internet Services	YouTube
Special Feature	DLNA

Color	Black
Form Factor	Dongle/Stick
Item Weight	2.45 ounces
Package Dimensions	5 x 4.96 x 1.54 inches

## 7. Troubleshooting

- No Display on TV:**
  - Ensure the dongle is securely plugged into the HDMI port.
  - Verify the dongle is receiving adequate power (5V/1A). Try a different USB port or power adapter.
  - Confirm your TV input is set to the correct HDMI source.
- Cannot Find "Casttv-XXXX" Wi-Fi:**
  - Ensure the dongle is powered on and the blue main screen is visible on your display.
  - Restart the dongle by unplugging and re-plugging the power cable.
- DLNA/Airplay Connection Issues:**
  - If you've established a network connection between the dongle and your router but cannot find "Casttv-XXXX" on your mobile device for casting, check if your router's name contains special characters (e.g., spaces). Some routers may have compatibility issues with special characters in the SSID.
  - Ensure both your mobile device and the dongle are connected to the same Wi-Fi network (your home router's Wi-Fi).
- Content Not Playing (Black Screen/Error):**
  - This dongle does not support content from subscribed paid apps with HDCP protection (e.g., Netflix, Amazon Prime Video, Hulu). This is a limitation due to copyright protection.

## 8. Safety Information

To ensure safe and optimal use of your HRpart Wireless HDMI Display Dongle Adapter, please observe the following:

- Use only the provided USB cable for power.
- Ensure the power source provides the specified 5V/1A output. Insufficient power may lead to unstable operation.
- Avoid exposing the device to extreme temperatures, direct sunlight, or high humidity.
- Do not attempt to disassemble or modify the device. This will void the warranty and may cause damage or injury.
- Keep the device out of reach of children.

## 9. Warranty and Support

HRpart is committed to providing high-quality products and excellent customer service. For any questions, concerns, or support needs regarding your Wireless HDMI Display Dongle Adapter, please contact our dedicated after-sales service team. Refer to your purchase documentation or the HRpart website for specific warranty details and contact information.

