



Windows PC

Typical Application of Visonicom EZCast WiFi Display Adapter

# Instruction Manual for Android EZCast Universal WiFi Display Adapter

Ver. 1.1

Visonicom EZCast WiFi display adapters support Android (Android smart phone and tablet PC), iOS (iPhone and iPad), Windows (Windows desktop PC and laptop PC), and Mac OS (Mac PC). So there are 4 versions of user's manuals: [EZCast manual for Android](#), [EZCast manual for iOS](#), [EZCast manual for Windows](#), and [EZCast manual for Mac OS](#). There are slight differences in operation for users running different operation systems/devices.

This is the Android version for Android smart phone and tablet PC users.

The manual will be updated without prior notice.

For general purpose, the [Quick Installation Guide](#) is enough for all users.

www.ezcast-wifidisplay.com

Visonicom EZCast WiFi display dongle series are the first universal WiFi display HDMI adapters that support WiFi direct Miracast, Airplay and DLNA all-in-one simultaneously, with EZCast WiFi display adapters users can easily cast the videos, photos, games and files from PC/Notebook, Android phones/tablet PCs, iPad/iPhone, to HDTV or projector through HDMI port wirelessly(Run EZCast for all users, or EZAir for iPad/iPhone users, or Miracast for Android phone/Android pad users), or push all the video, photo, and files to from the above mentioned devices to HDTV or projector (DLNA).

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## 1. Basic Features

- Multi OS support: Android, iOS, Windows, Mac OS
- Multimode support: Miracast, DLNA, Airplay
- Highly integrated Actions SoC (600MHz/1GHz)
- Simple to operate
- Most compact size and lower consumption under 2w
- Fast connection & low latency for superior user experience
- H.264 1080P full HD video decode
- LPCM Audio Decode
- HDMI v1.3 video output
- HDCP 2.x
- Auto channel selection with high quality video stream
- Build in WiFi support IEEE 801.11 b/g/n up to 150Mbps data transfer rate with WiFi Direct capability
- Flexible power using TV standard USB port (5V/400mA) or external USB power supply

## 2. Physical Connection

Simply connect the HDMI port of the EZCast universal WiFi Display Adapter VMD-EZ151 (hereafter refers to EZCast adapter, EZCast WiFi Display Dongle, the adapter or the dongle) with HDTV, use a HDMI cable in case of necessary.

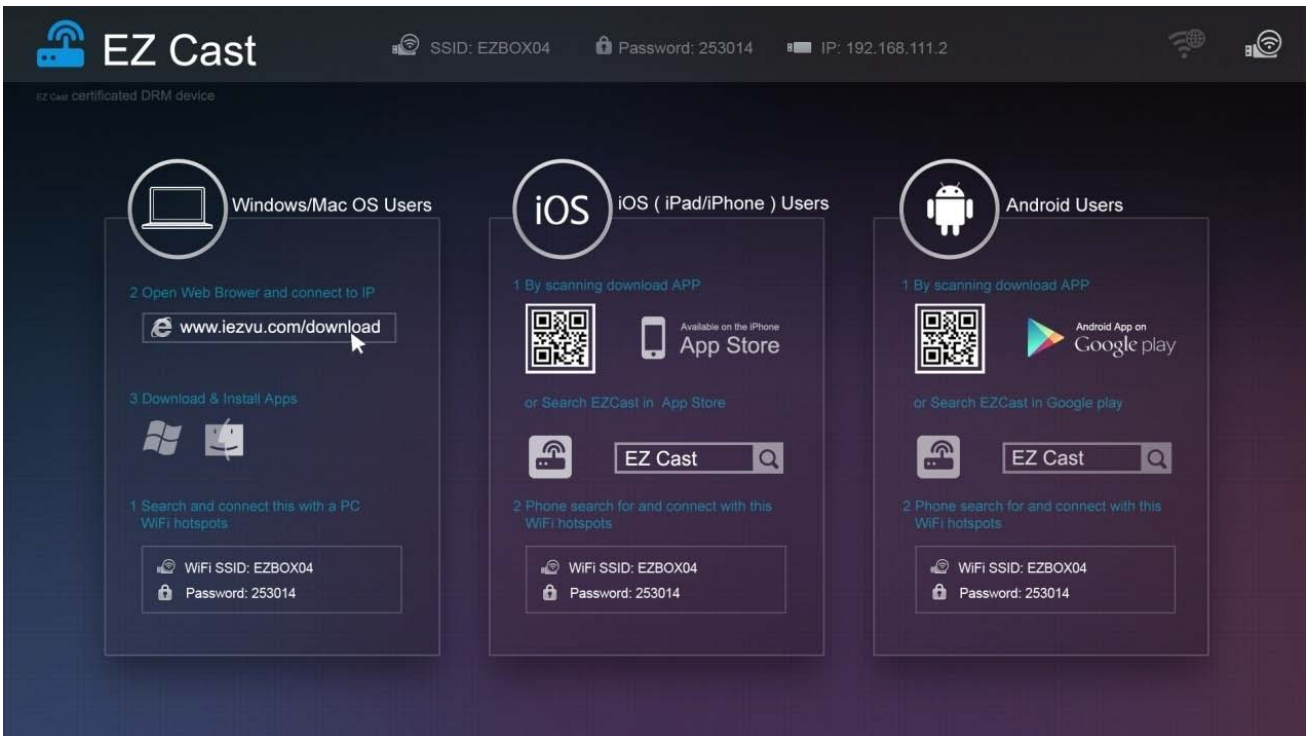
Connect the micro USB power port of EZCast adapter with a USB charger or USB port of TV for power supply. The adapter starts to boot up.

Turn on TV and select current HDMI port. The TV screen will display the booting up status of EZCast dongle.

## 3. Operation Tutorial

### 3.1 EZCast APK Installation

The HDTV screen shows the boot up information.



From the Screen we can find the EZCast WLAN Info: SSID, Password, and IP address. For instance, the parameters are SSID (EZBOX04), Password (253014), IP address (192.168.111.2) for the EZCast WiFi display dongle used for the manual.

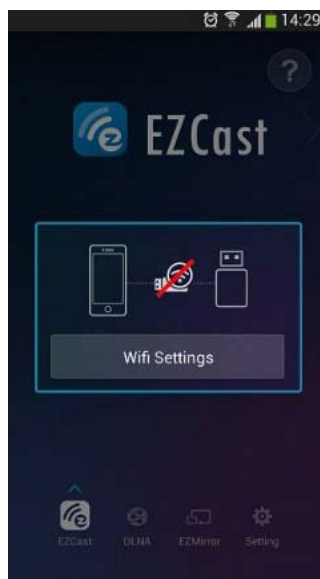
Scan the QR code to download, or search [EZCast] in Google Play, and install

**3.2 Get Connected**

Run EZCast on Android Phone/tablet PC, EZCast will check whether the smart device is connected with the dongle in EZCast Wireless LAN(most likely not for first time).

If not connected, simply touch [Wifi Settings] to Connect the smart device to EZCast dongle. The SSID of your EZCast dongle will be EZCast-xxxxxxx as shown on TV. The password is also as shown as on your TV screen.

After connection to EZCast WLAN, back to EZCast.



**3.3 Run EZCast**

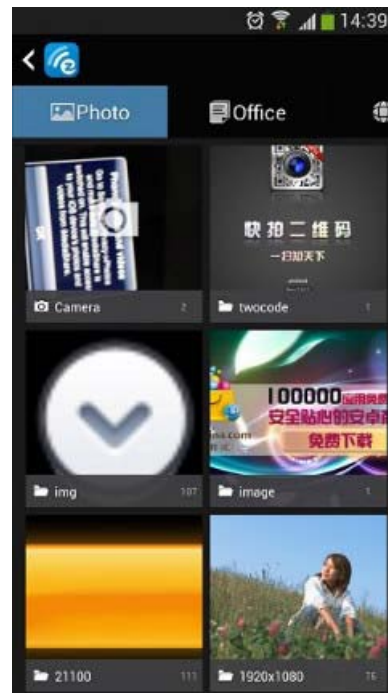
The EZCast Utility can help to cast 6 types of applications to your TV or projector through the EZCast WiFi display dongle. They are: Photo, Office, Web, Camera, Music, and Video



Hereafter is the guidance on how to use the 6 applications.

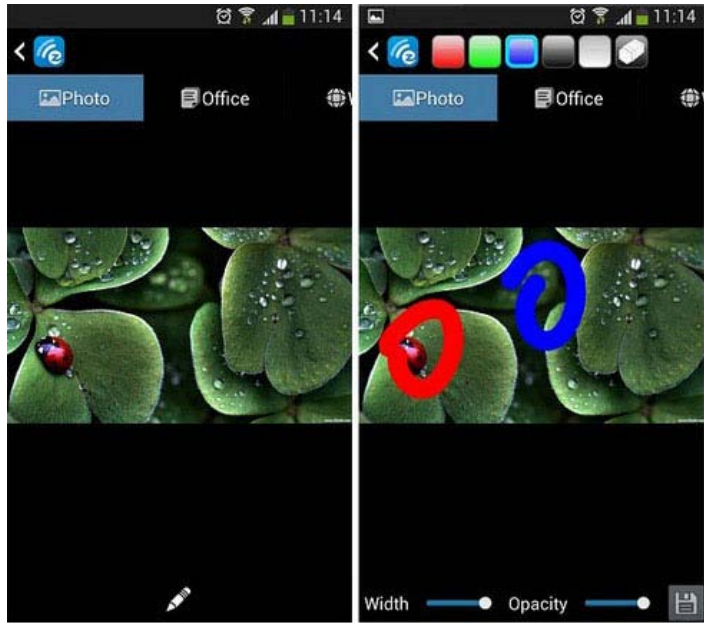


**3.3.1 Photo -EZCast Pictures**

This is to cast the pictures/photos to TV or projector wirelessly. Click [Photo] to browse the pictures saved in your Android device, and click the thumbs to mirror the pictures on HDTV or projector.



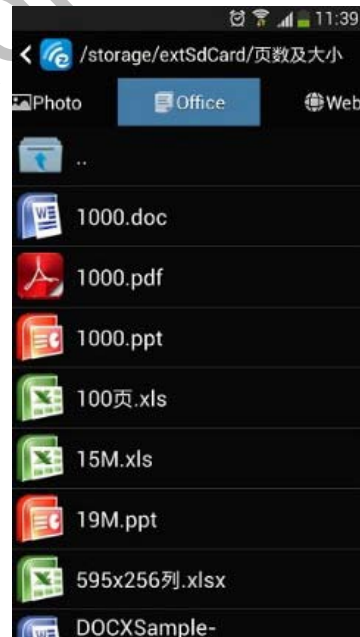
User can even click  on the bottom to modify the current picture and then save by click  on the bottom right corner.



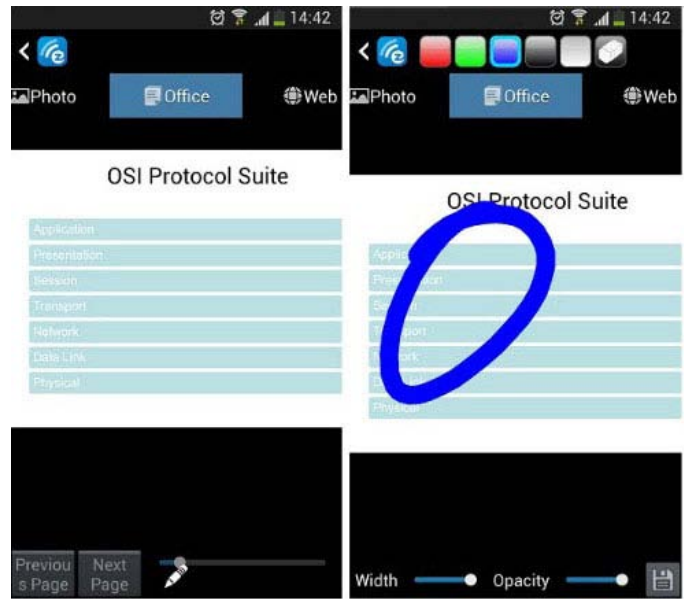
**3.3.2 Office - EZCast Documents**

This is to EZCast the documents saved in Android device to HDTV or projector.

EZCast supports the following files: PDF, DOC, PPT, Excel, MAC OS Page, MAC OS numbers, and MAC OS Keynotes. This is very much helpful for meeting and business presentation.

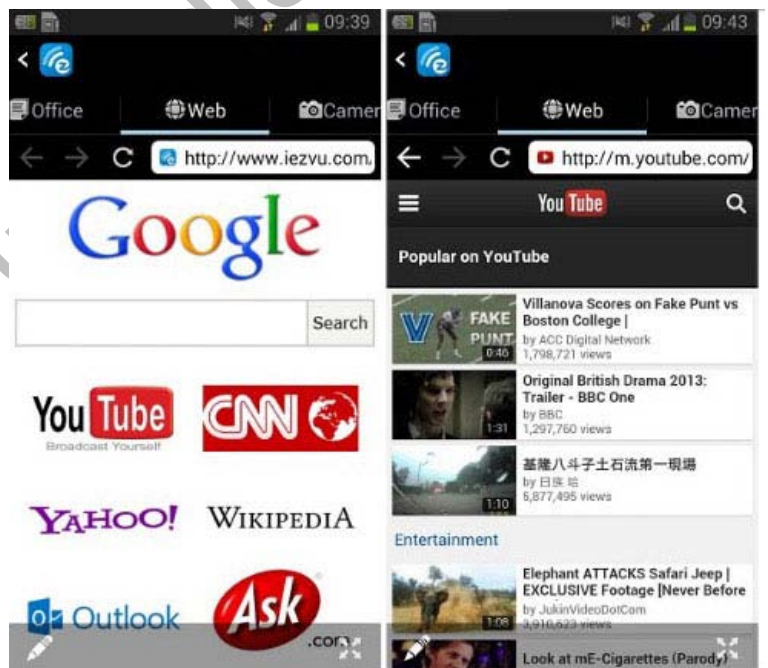


Same as EZCast picture, modification on files is supported.



**3.3.3 Web -EZCast Browser**



This is to EZCast the internet browser of your smart device and enjoy on large screen on TV or projector for web pages and online videos.



**3.3.4 EZCast Camera**



This is to EZCast the camera of your smart device, and display picture taking simultaneously on TV screen.

Click  to shift front/rear camera, and  to take picture

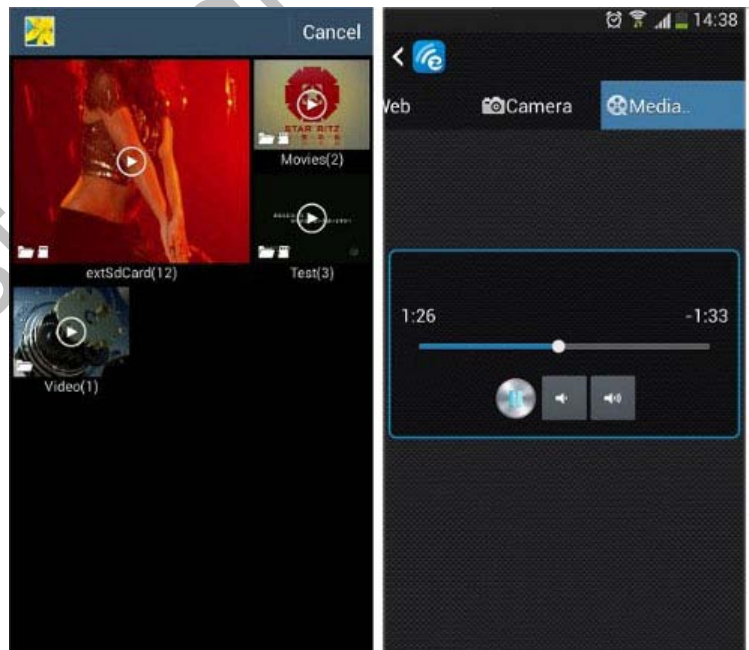
Same as EZCast picture, modification on photos is supported.



**3.3.5 Music/Video – EZCast music and video files**

This is to EZCast music/video files saved in smart device to HDTV or projector.

Click [Media] to select the local music/video files to stream on HDTV or projector.



*This is the end of the tutorial of EZCast utility on Android device.*

Besides EZCast utility, the WiFi display dongle also supports DLNA, Airplay (for iPhone/iPad users only) and Miracast.

**3.4 DLNA**

This is to enable the DMR (Digital Media Reader) function of EZCast WiFi display dongle. When enabled, run DMC (Digital Media Controller) utility/APK or online streamer with DLNA support to stream media files from DMS (Digital Media Server, it can be your Android smart device or online sever that offers online video streaming with DLNA support), so that to play VOD (Video on Demand) the files saved in your smart device or online. Click [?] to check the APP list for DLNA enabled DMC.

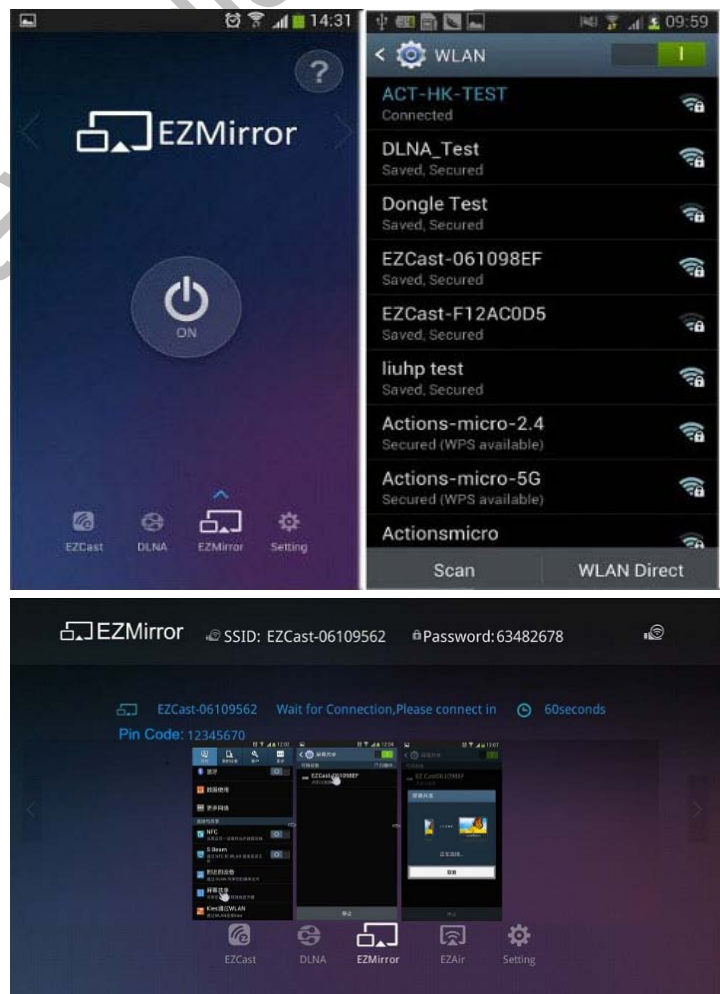


### 3.5 Miracast

Click [EZMirror] to enable Miracast For Android users with Miracast support on the smart device (normally Android 4.2 and above). Similar to DLNA, it is to cast pictures/music/video saved in Android smart phones or tablet PCs to HDTV or projector.

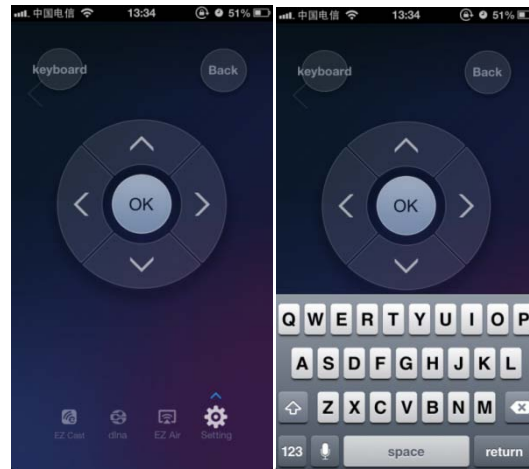
EZCast WiFi display dongle will connect your smart device automatically if it is recognized. Otherwise it will try to have Miracast connected in 60 seconds. If still failed, EZCast will shift back to normal WiFi connection- AP mode with SSID and password. Then use EZCast utility as stated above to cast your screen to HDTV or projector.

Click [Help] for Miracast enabled smart phones, current tested Miracast supported Android phones are listed, see appendix.



#### 4. Settings

To use virtual wireless remote controller to change the move direction, the center button [OK] is to confirm. Click [Back] to back to previous screen, or click [keyboard] to enable virtual keyboard and input password.



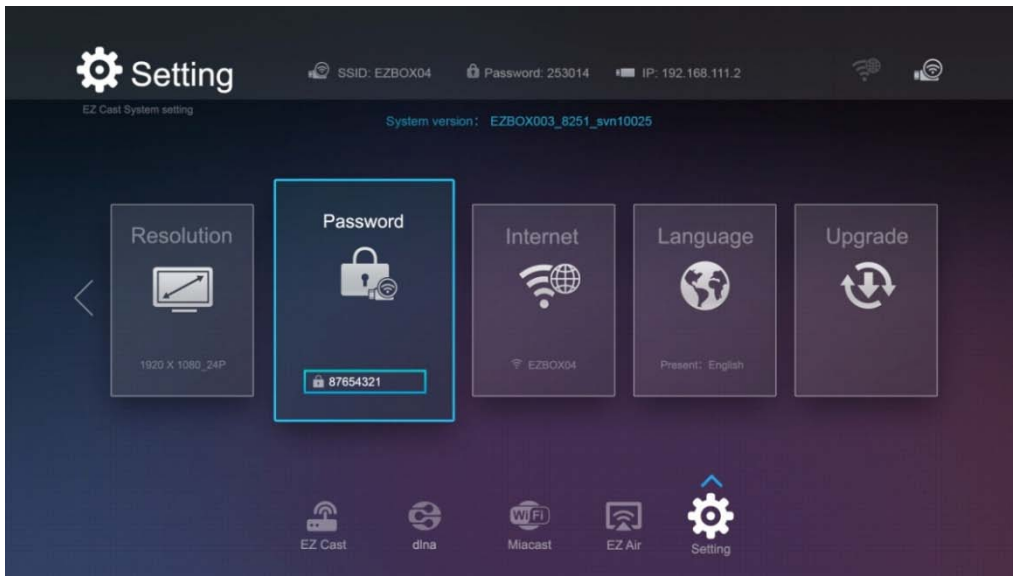
##### 4.1 Resolution

Click [Resolution] to set up the output resolution of EZCast dongle. Supported resolutions: 1920\*1080 24P, 1280\*720 60P. Modification will be effective after reboot.



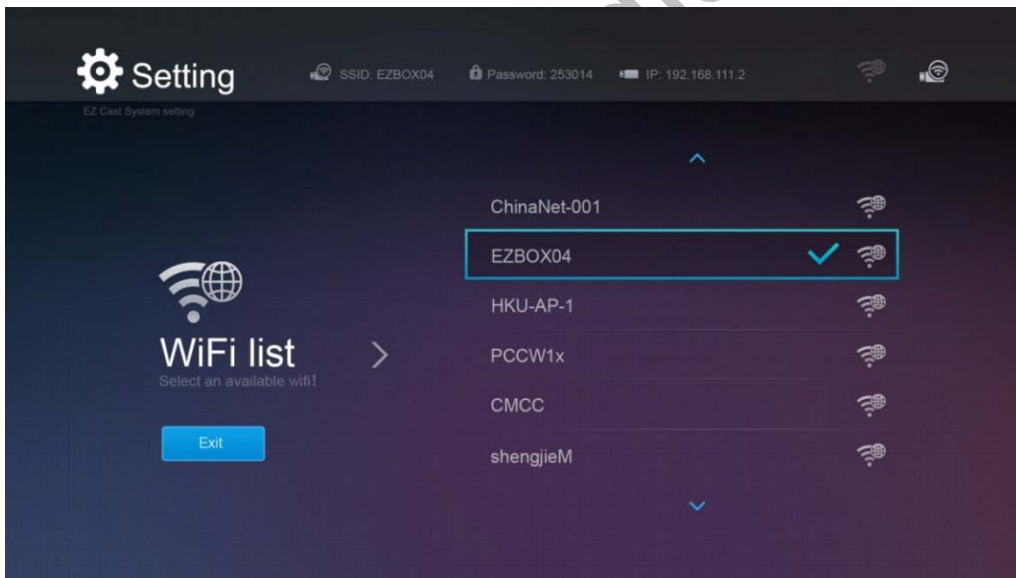
##### 4.2 Password

Click [Password] to set the password of EZCast WiFi display adapter



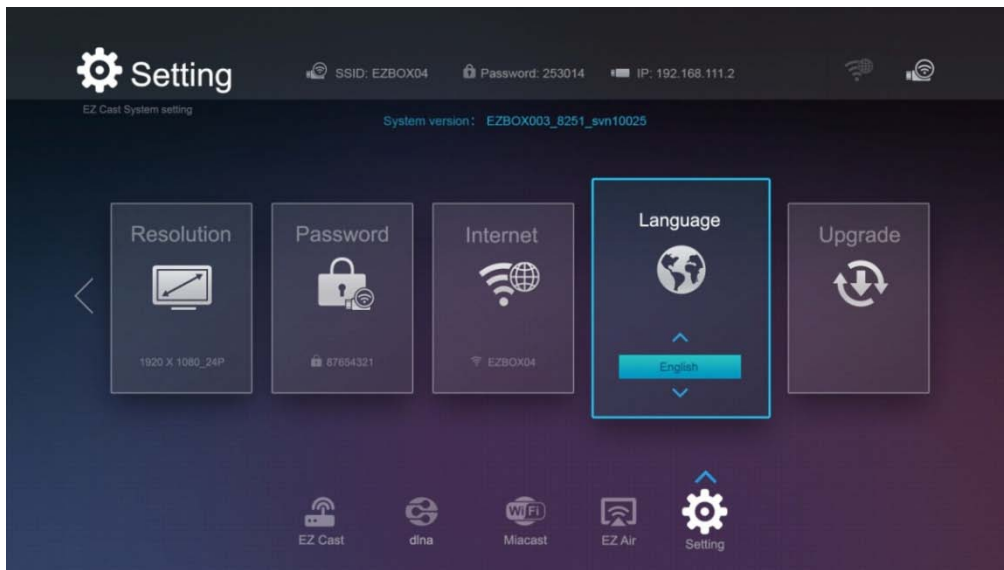
**4.3 Internet Access**

Click [Internet] to connect to wireless hotspot for internet access. EZCast can also work as a bridge between your wireless hotspot and your smart device for internet access.



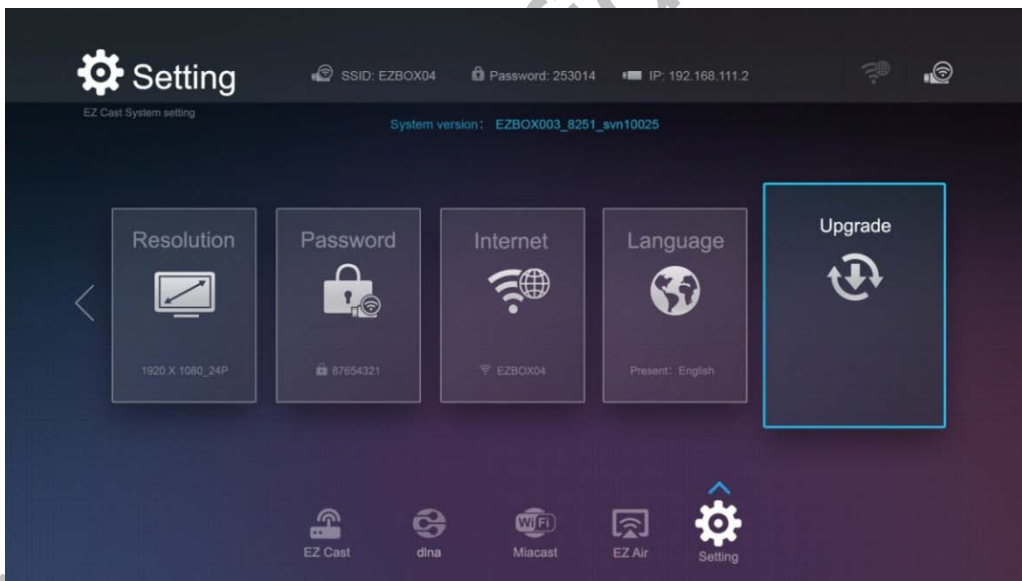
**4.4 Language Setting**

Click [Language] to set the language from the list. It is multilingual support.



**4.5 System Upgrade**

Click [Upgrade] to upgrade EZCast firmware and APP OTA (On the Air) online. EZCast WiFi display adapter will check and compare the firmware version and upgrade automatically when a newer version is available. Make sure the internet access is ready and don't power off when upgrading.



**5. Specification:**

Hardware Feature	
CPU	Actions (AM8251 600MHz/1GHz)
RAM	DDRIII-128MB
ROM	NAND Flash 128MB
OS	Linux
Wi-Fi Module	Built-in 802.11b/g/n 150Mbps 2.4GHz

Software Feature	
EZCast	Support Android/iOS /Windows/Mac OS
DLNA:DMP	Display photo, audio and videos base on DLNA protocol for Windows/Android/IOS
Miracast (EZMirror)	Native support Miracast function(certified with WiFi display)
Airplay (AirCast)	Support iOS with Air Cast
Soft AP	Cell phone can connect through EZCast-AP to another WiFi router
Remote Control	EZCast app for Android/Windows/IOS/MAC
UI	Universal GUI
Interface Definition	
AV Output	HDMI 1.3 type A male
USB	USB HSOT *1 for firmware update only
Power	5V/500MAUSB cable USB type A to Micro USB
key	U-key (Update/Reset)
LED	Working Status

### Appendix: Miracast Android phones support list

Till Aug 2013, EZCast supports the following Miracast-ready Android smart phones:

Samsung Galaxy 4	Android4.2.2
HTC one X	Android4.1
LG Optimus G L180L	Android4.0.4
LG Optimus G E973	Android4.0.4
LG Nexus4	Android4.2
LG Optimus G L-01E	Android4.0.4
Android HTC W7	Android4.2
Xiaomi 2	Android4.1.1
Oppo Find5	Android4.1
Coolpad 9960	Android4.1.1
Sharp SH-10D	Android4.0
CallBar 小雨滴 4	Android4.2.1
...	...

More Miracast enabled phones will be included or supported. Miracast enabled phones/tablet PCs with Android 4.2 and above are supported automatically.

This is the end of the Instruction Manual for Android users of Visonicom EZCast Universal WiFi Display Adapter