

# Fireasy User Guide

V1.0

Firefly-PK3288

V1.0

2015/01/17

### Version History

<b>Date</b>	<b>Version</b>	<b>Description</b>	<b>Author</b>	<b>Approval</b>
2015/01/17	V1.0	Original Version	hyt	zhansb

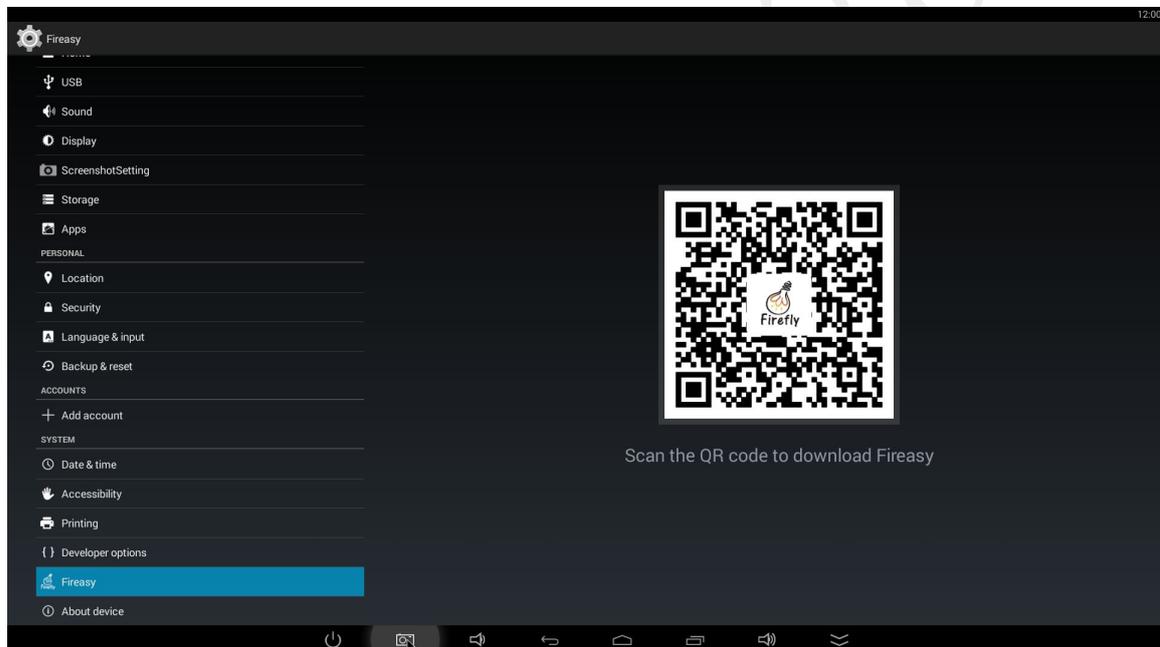
## Chapter 1: Application Environment Requirements

The Android firmware for the development board need to be advanced than the 20150127 . For example, users can use the Firefly-RK3288\_Android4.4\_201501271047 version.

1. Android 4.2 or above
2. iOS 7.0 or above

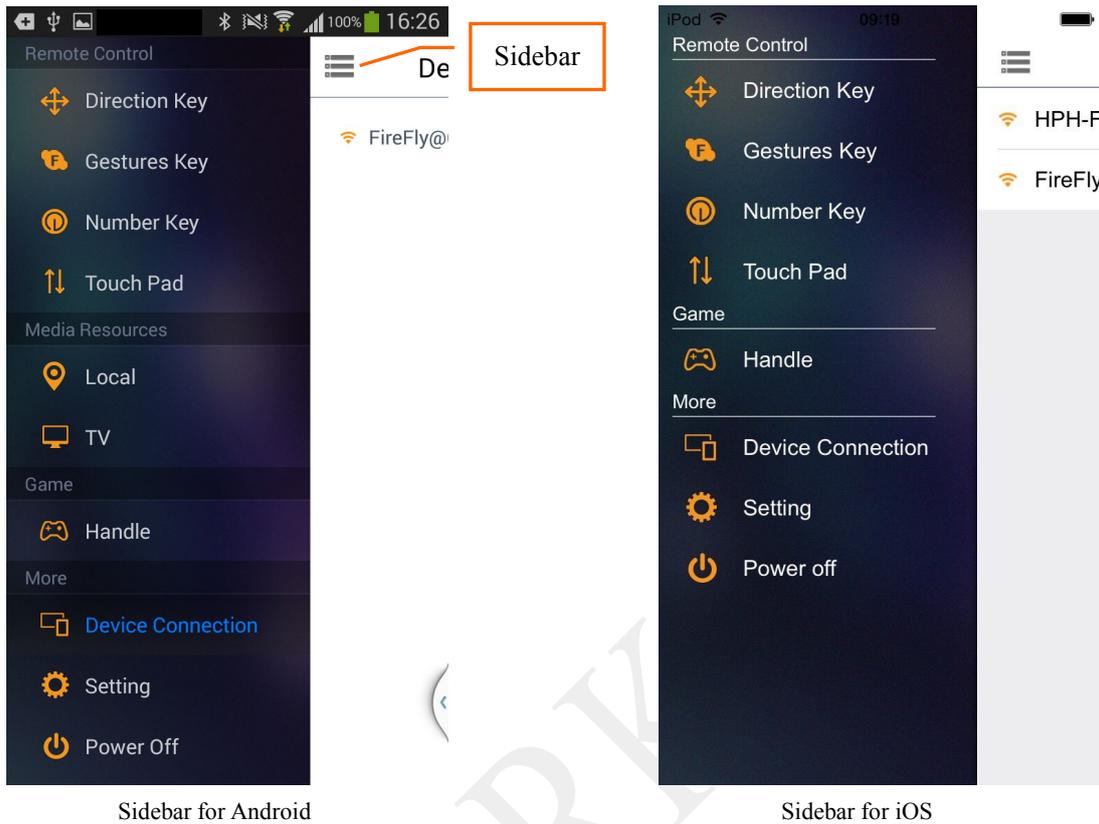
## Chapter 2: Connecting The Device

1. Go to **Settings** on the Firefly development board and select **Fireasy**. Scan the QR code on the right or below to download the Fireasy application.

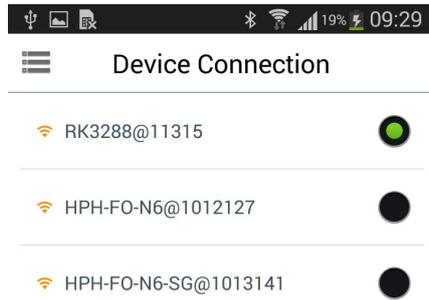


Settings Interface

2. Install the Fireasy application on your mobile phone and connect it to the same network as the development board, with a cable or wirelessly.
3. Slide the screen to the right or click the **Sidebar** button on the upper left, the sidebar will be shown. There are 4 menus under the sidebar: **Remote Control**, **Media Resources** (exclusive on the iOS version), **Game** and **More**.



4. Open **Fireasy**, you will see the **Device Connection** interface. You can also choose **Device Connection** on the sidebar to enter the interface. Select a device to connect from the scanned devices list.

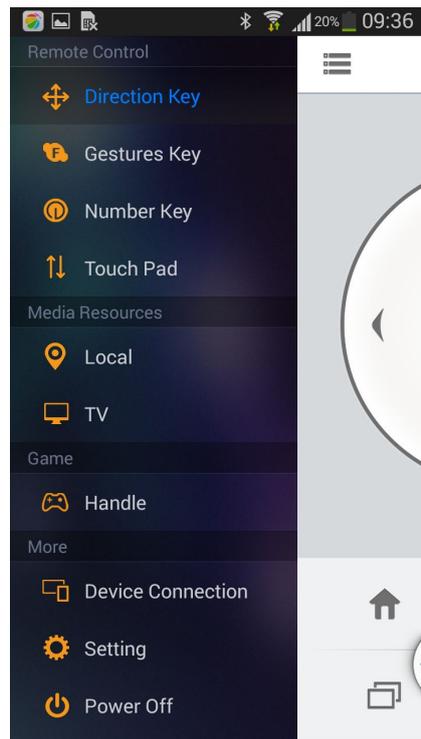


#### Device Connection

5. After successful connection, you can control the development board via the application Fireasy.

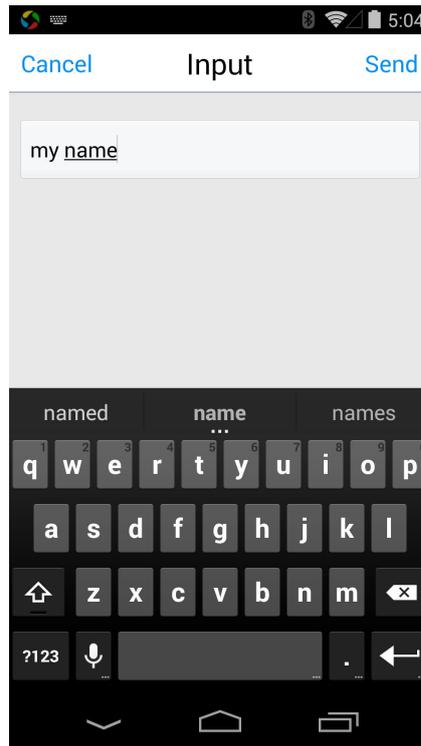
## Chapter 3: Remote Control

There are four submenus under Remote Control: Directions, Gestures, Numbers and Touch Pad. Either way can control the development board.



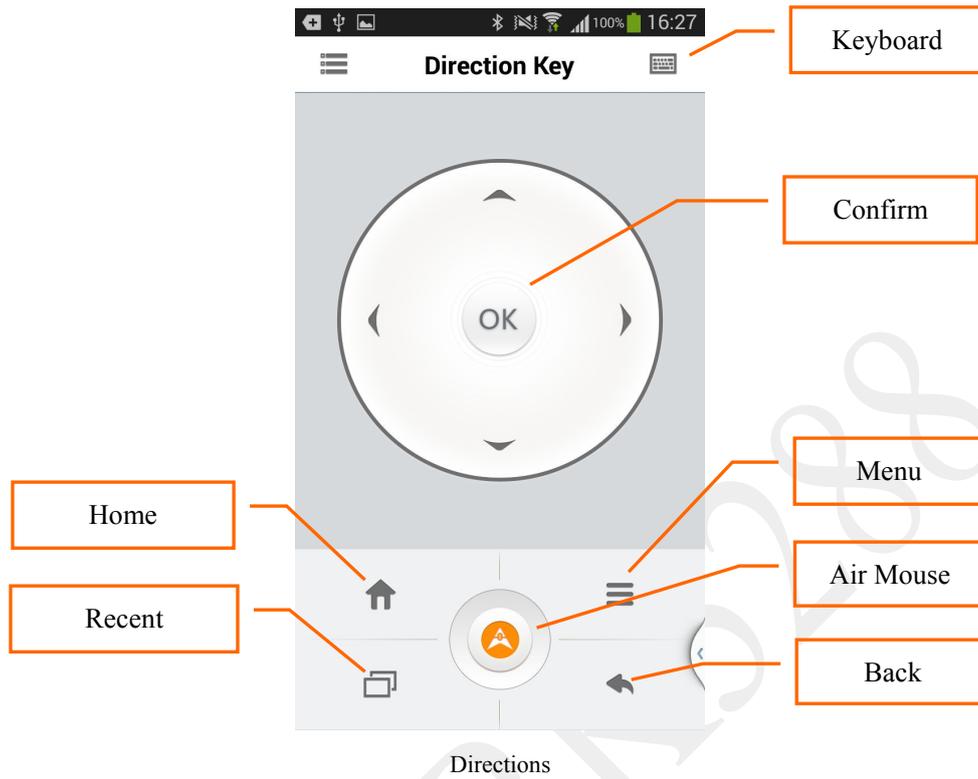
Remote Control

1. **Directions:** Click on the corresponding button to send commands.
  - Left, Right, Up, Down: Move to the relative direction.
  - OK: Confirm.
  - Home: Go to home page.
  - Back: Go back to the previous page.
  - Menu: show the menu page.
  - Recent: Go to the most recent page.
  - Keyboard: Click the keyboard button on the upper right, you can input characters with keyboard on your mobile device. Click **Send** to send the characters to the development board.

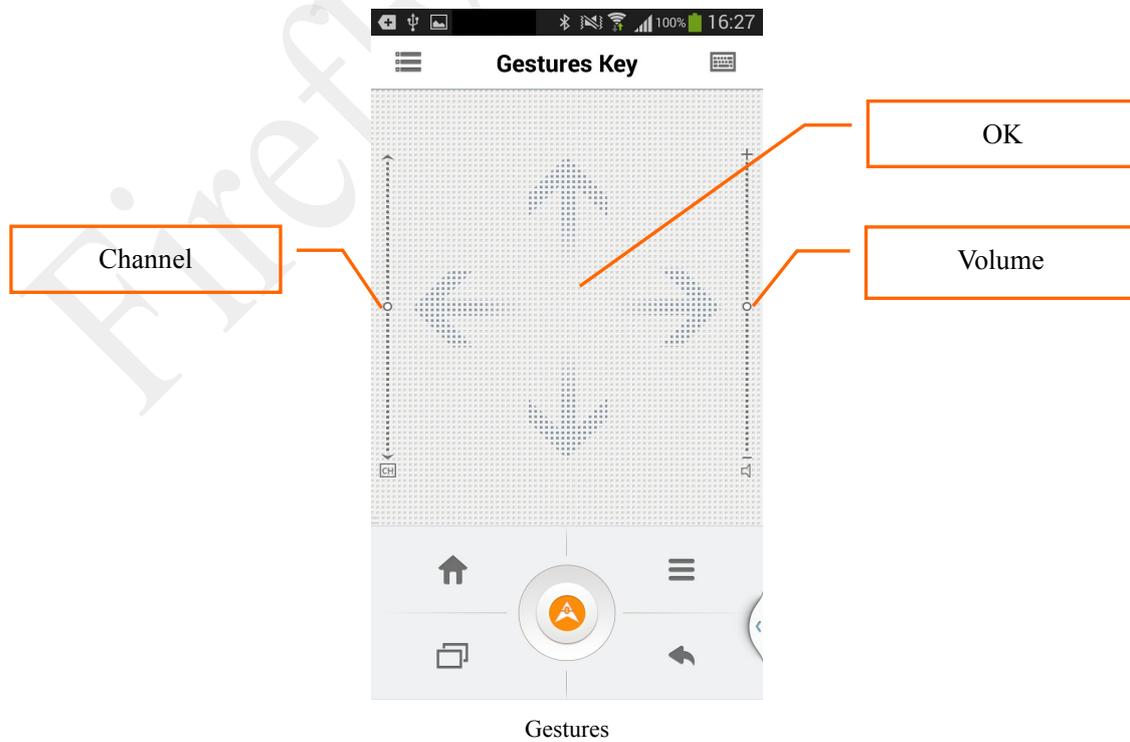


Keyboard

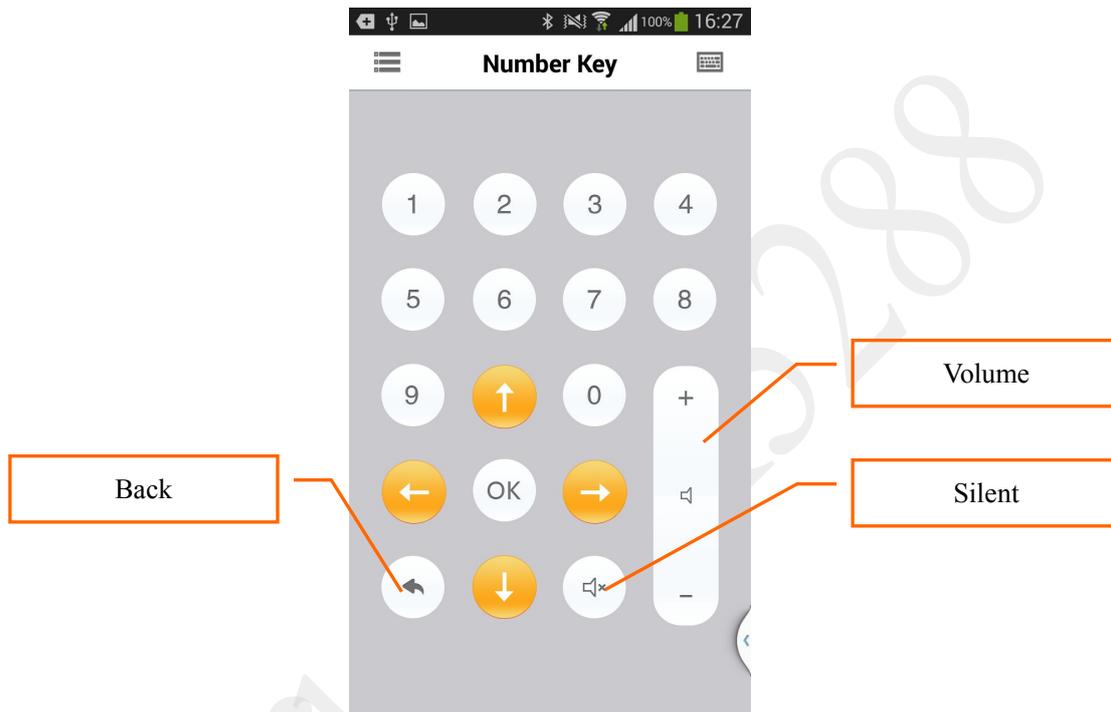
- Air mouse: Click on the button to activate the air mouse function. When this function is applied, the button will turn orange and you can move your mobile device to control the development board as a mouse. Click **OK** to confirm your operation. This function is useful for devices of gravity sensor and gyroscope.



2. **Gestures:** Move the development board via relative gestures. The left slide controls the channels and the right slide controls the volume. Click on the blank area to confirm the operation, as an OK button.

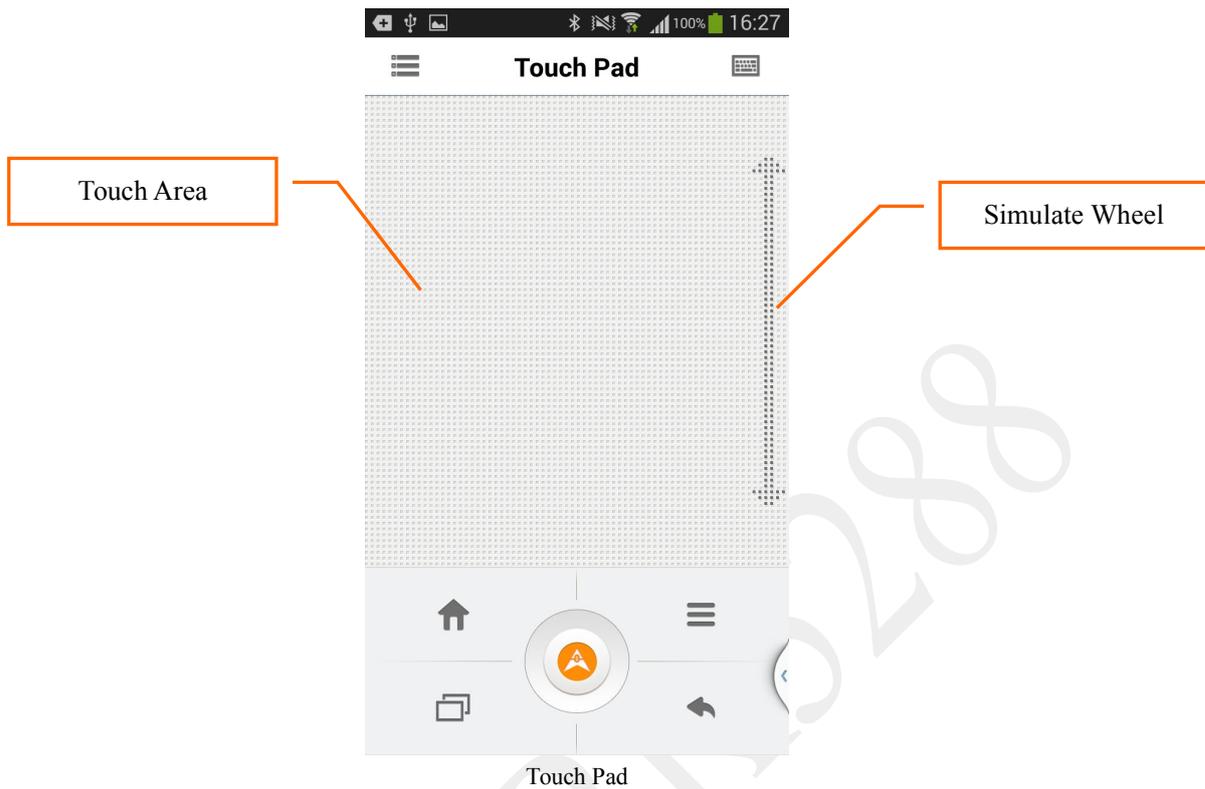


3. **Numbers**: Click on the corresponding numbers to input them on keyboard mode or the channel mode as a TV remote. Click the up,down, left and right button to move the development board to the relative directions. Click **OK** to confirm your operation. You can control the volume on the lower right. Click **Silent** to decrease the volume to zero. Click **Back** to go back to the previous page.



#### Numbers

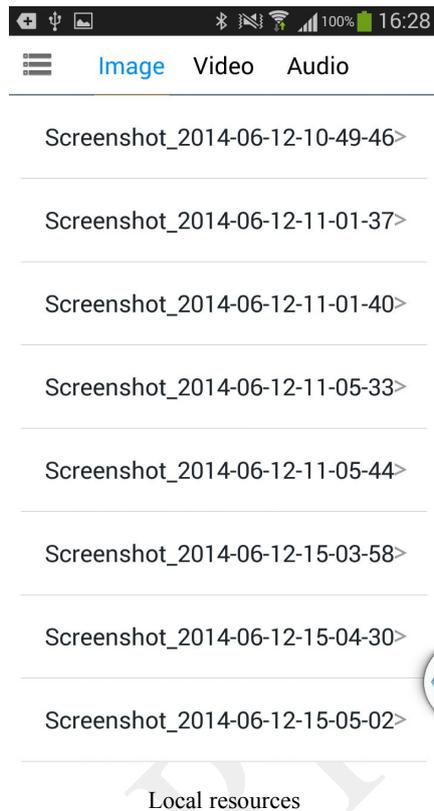
4. **Touch Pad**: Move on the screen to function as a mouse on the development board. Click on the touch area to confirm your operation and roll on the right bar to function as a mouse wheel.



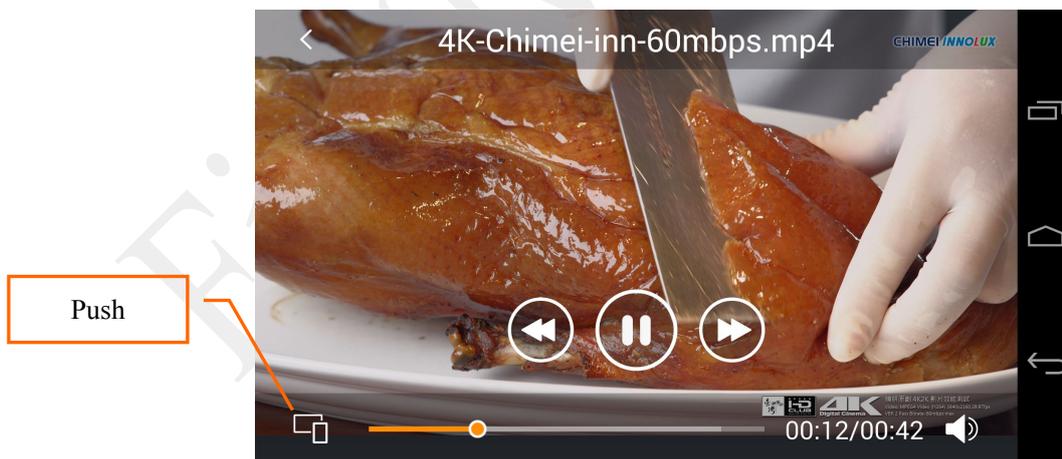
## Chapter 4: Media Resources

1. There are two submenus under Media Resources: Local and TV. Choose **Local**, you can explore the pictures, videos and music on the local storage. Click **TV**, you can explore the files on the development board.

Note: The iOS version doesn't support the Media Resources function.

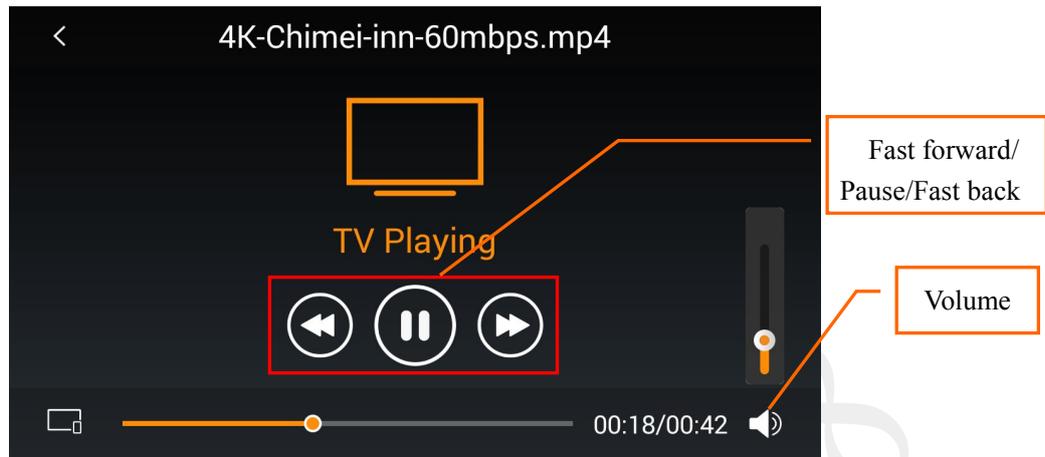


2. Select a media resource from the local storage and click **Push** on the lower left to play it on the development board. We take a video for example below.



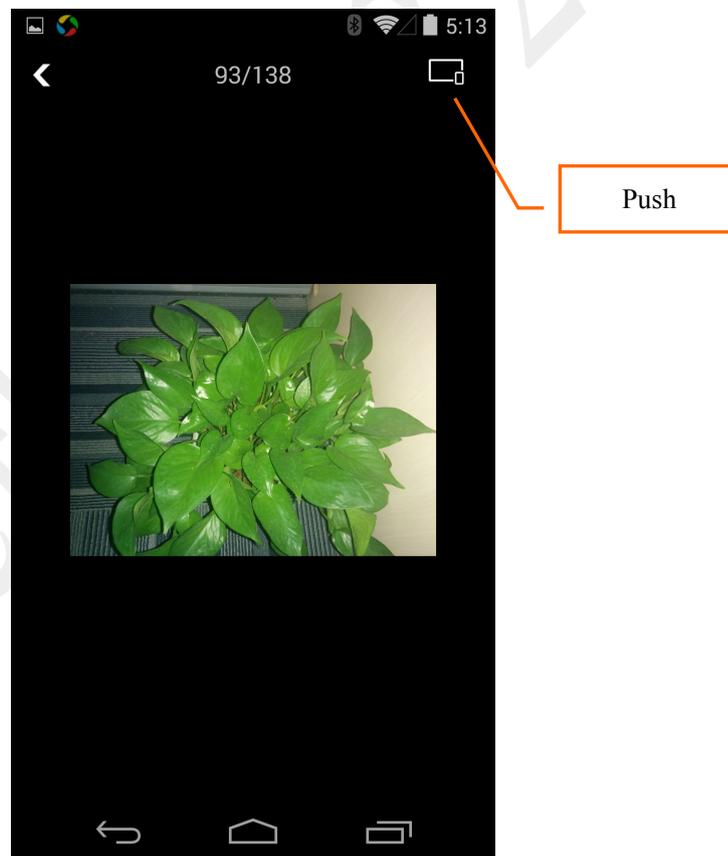
Before sending

3. The mobile device will function as a remote control when its resources are playing on the development board. It can fast forward, pause, fast back and control the volume.



Playing

If you want to share a picture, you can click the Push button on the upper right and slide it to display other pictures in the same folder.



Sharing pictures

4. Click **TV**, you can explore the files on the development board. It's similar to share resources on the local device.

## Chapter 5: Games

Choose **Handle** under the Games menu to enter the game pad interface. There are 3 buttons on the upper left: **TG(Touch Game)**, **GAME** and **TV**.

1. **TV**: Function as a TV remote. Buttons on the left are for directions, the ones on the upper right are for volume and those on the lower right and central are functional. Their functions are shown below.



TV Interface

2. **GAME**: Function as a game pad. Buttons on the left are for directions. Buttons on the right are functional. Their functions are different depending on each game.



GAME Interface

3. **TG(Touch Game)**: Open a touch-screen game on the development board and then choose TG mode on Fireasy. The buttons on the game will be mapped to the application. Click **Save** to save the configurations. With the application you can play touch-screen games without a touch screen. We will take WeChat Dash for example.



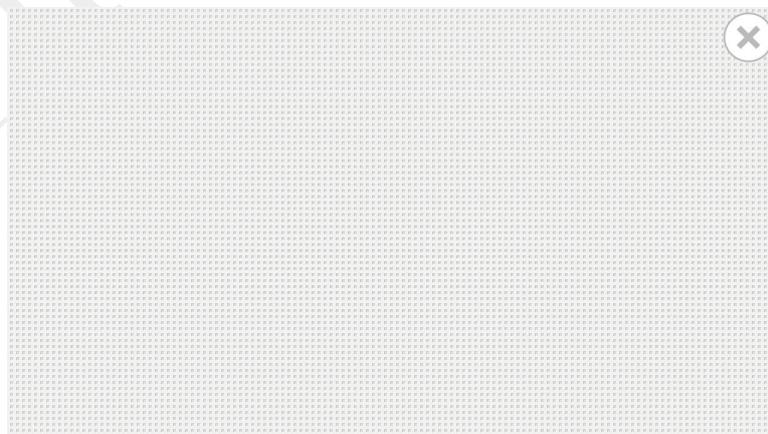
“TG” 界面

Each button on the game will be mapped to a corresponding button on the application. Click the button on the application can operate on the relative button. In WeChat Dash, the slide button on the game is mapped to the left arrow on the application. Click on the left arrow, you can slide on the game.



WeChat Dash

You can shake your mobile device to switch the screen from the handle to a touch pad .Shake again to switch back to the handle.



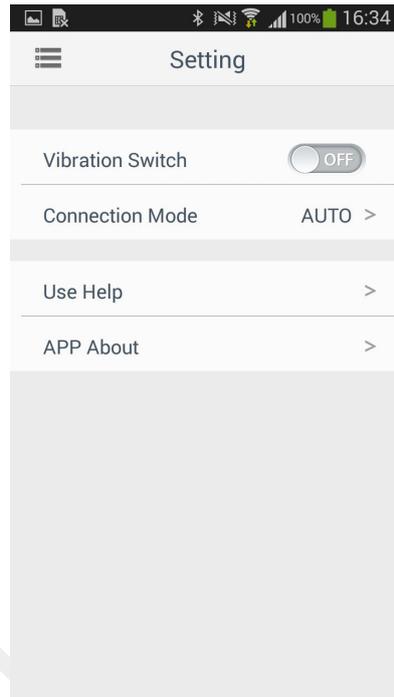
Touch pad

Tab on the return button on Android or slide the screen to the right on iOS to exit the game.

## Chapter 6: Settings

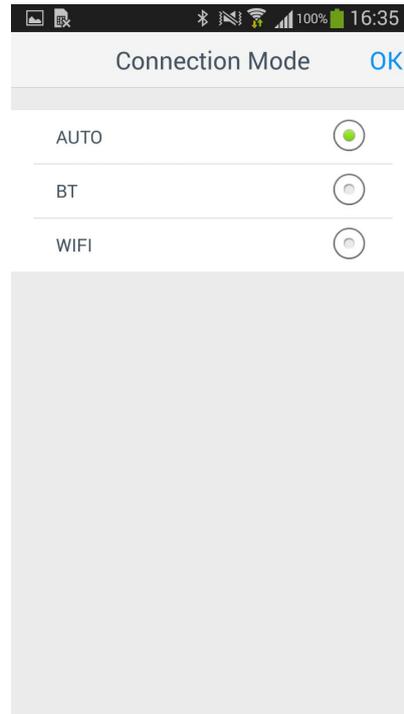
Choose Setting under the More menu to enter the Setting interface. There are four submenus: Vibration Switch, Connection Mode, User help and About.

1. **Vibration Switch:** When turn on, the mobile device will vibrate for every command.



Setting

2. **Connection Mode:** There are three connection modes under Android: AUTO, BT(Bluetooth) and WIFI. Choose a connection mode and then click OK. The Media Resources menu is not supported by Bluetooth. The application will choose the connection mode automatically under AUTO mode. If your mobile device has turned on Bluetooth or WIFI, it will be adopted as the default connection mode. If your mobile device has turned on Bluetooth and WIFI, WIFI will be adopted as the connection mode.



Connection Mode

3. **User Help:** Information about the application. You will see this screen for first time use.
4. **About:** Information about the current version and the available version to update.

## Chapter 7: Switch Off

Choose **Switch off** under the More menu, you will see the pop-up window below. Click **Confirm** to switch off the development board.