

KS6311 WiFi Smart TV Box

User Manual



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1. INTRODUCTION

1.1 Main Features

- ☞ HD (High Definition)
- ☞ Powered by Android 4.2.2
- ☞ Dual Core Amlogic AML8726-MX CPU up to 1.5GHz
- ☞ Resolution:1920*1080P
- ☞ MPEG2 MP@HL
- ☞ H.264/AVC main and high profile to level 4.1
- ☞ VC-1 advanced profile @ level 3 (Option)
- ☞ VC-1 simple and main profile (Option)
- ☞ Video decode: MPEG-4, AVI, MKV, RMVB, TP, TS, WMV, DAT, FLV, MOV, MPG, VOB
- ☞ Audio decode: MP3, AAC, APE, FLAC, WAV, WMA
- ☞ HDMI 1.2/DVI 1.0 with HDCP 1.1
- ☞ Supports different Middleware and Conditional Access vendors
- ☞ Audio outputs:
 - ☞ Stereo Audio
 - ☞ Digital Audio surround via S/P-DIF (coaxial and optical)
- ☞ Video outputs
 - SD: Composite, S-Video
 - HD: Component, HDMI/HDCP
 - SD: PAL, NTSC and SECAM
 - HD: 720p, 1080i, 1080p
 - Full screen 4:3 and 16:9 format
 - Independent simultaneous dual output HD/SD
- ☞ IR remote controller
- ☞ 10/100 BaseT Ethernet
- ☞ UDP multicast streaming
- ☞ Video on demand
- ☞ Conditional Access smartcard-less - OTP for storage of secure information and customer configurations.

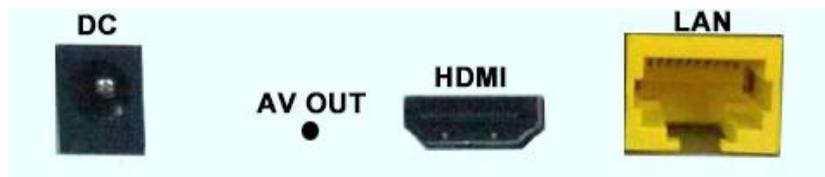
1.2 Physical User Interface

☞ Front panel



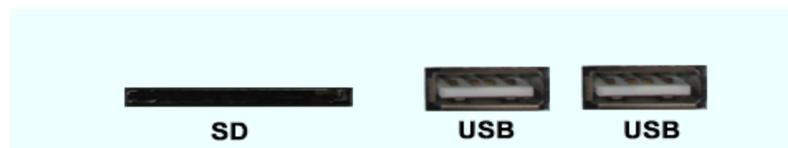
Name	Color	Mode	Status
POWER	Green	ON	Power well connected
		OFF	Power off or disconnected
	Red	ON	Standby mode
NET	Green	Blinking	IP connected and IP traffic is passing through the device
		OFF	STB power off or Ethernet Cable is disconnected

☞ Rear Panel



Name	Function
DC	Power Interface
AV OUT	Video & Audio Signals Output for Common TV via AV Cable
HDMI	HDMI Port for HD TV Connection via HDMI Cable
LAN	Connect to Internet via Ethernet Cable

☞ Side Panel



Name	Function
SD	SD Card Slot (Connect to SD Storage Card)
USB	USB2.0 Ports (Connect to USB Storage Disk, USB Mouse or Keyboard)

1.3 Remote Control



	Standby		System setup
	Play/Suspend		Fast Rewind/ Previous track
	Fast forward /Next track		Number button
			Television button
		Direction button: Up, Down, Left,Right OK: Confirmation	
	Go to Info panel		Go to home page
	Return button		Go to main menu
	Decrease volume		Increase volume
	Mute		

1.4 Accessories

The packing contents are as the following:

- KS6311 Set-Top Box
- AV Cable
- Universal DC Adapter
- User Manual
- IR Remote Control
- HDMI Cable (Optional)

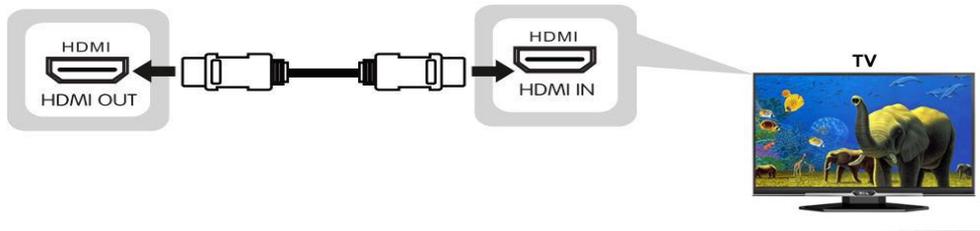
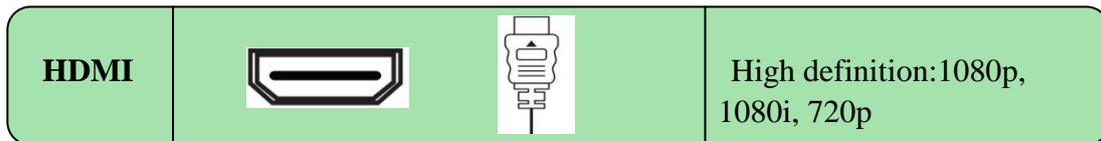
Remark: HDMI Cable is not a standard accessory in the package, but it is optional base on specific demand from clients.

2. CONNECTING STB-TOP BOX

2.1 Connecting to TV

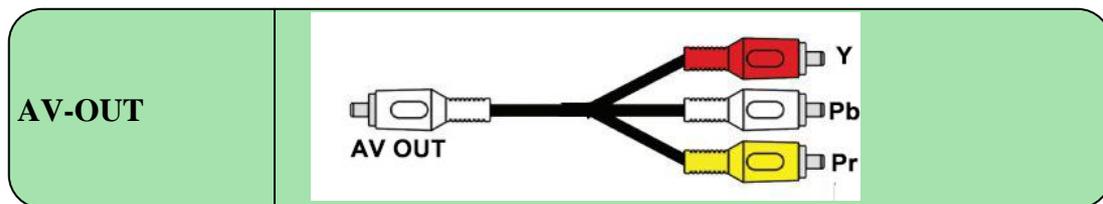
Connect KS6311 to your TV according to one of the following schemes:

a. Connection via HDMI Port:



Remark: If your TV has an HDMI connector, it is recommended to connect a TV with HDMI interface, which can make the video achieve best Visual effects, both video and audio can be output to the TV via this interface.

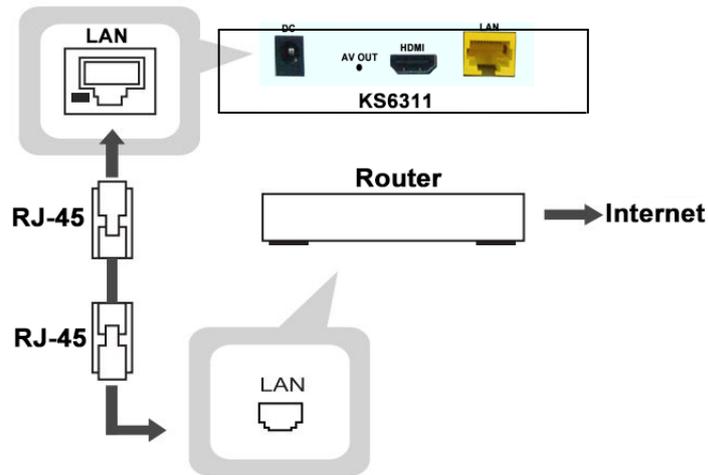
b. Connection via AV-Out Port:



Remark: The **Y Pb Pr** provide component video, the most widely supported TV connection. If your TV only has **Y Pb Pr** inputs, use these connectors.

2.2 Connecting to Internet

2.2.1 Connect the LAN Port of KS6311 to an Internet router via an Ethernet Cable.

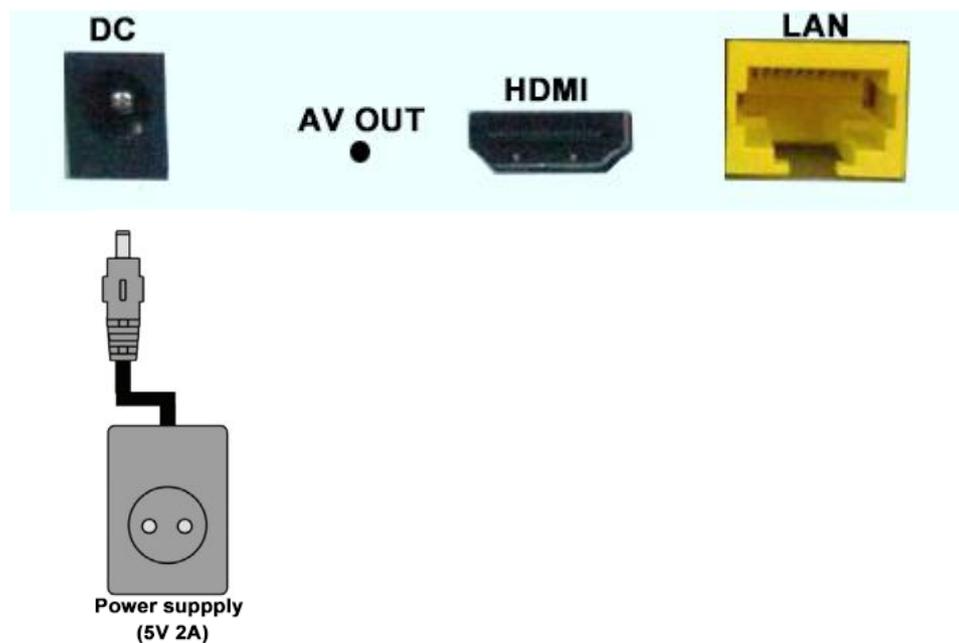


2.2.2 Connecting KS6311 to your Internet Router via Wi-Fi.

2.3 Connecting to DC Power Adaptor

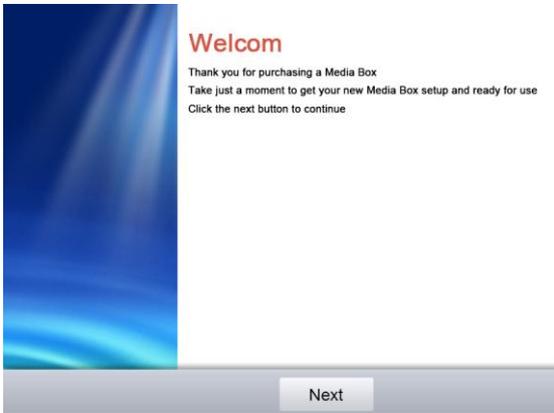
Step 1: Plug the power adaptor into the DC connector on the rear side of the set-top box.

Step 2: Connect the power cord to the DC adaptor and then to a power outlet.



3. NETWORK SETUP

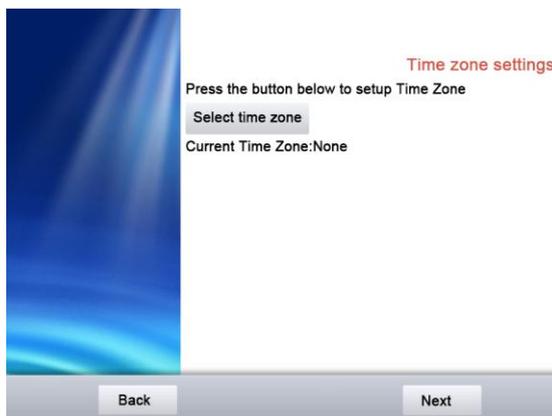
3.1 First-time Start-up Setup



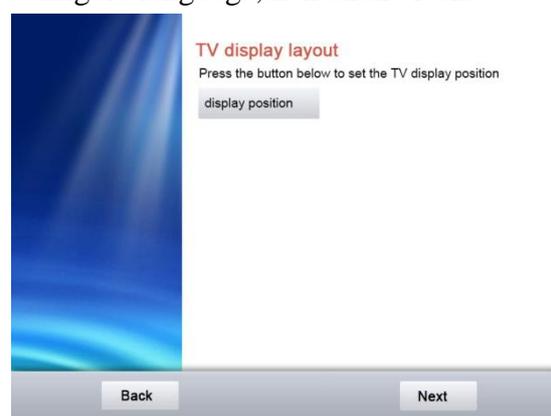
3.1.1 Click “Next”



3.1.2 Click “**English(United States)**” to configure language,then click “**Next**”



3.1.3 Click “**Slect time zone**” to configure time zone,then click “**Next**”



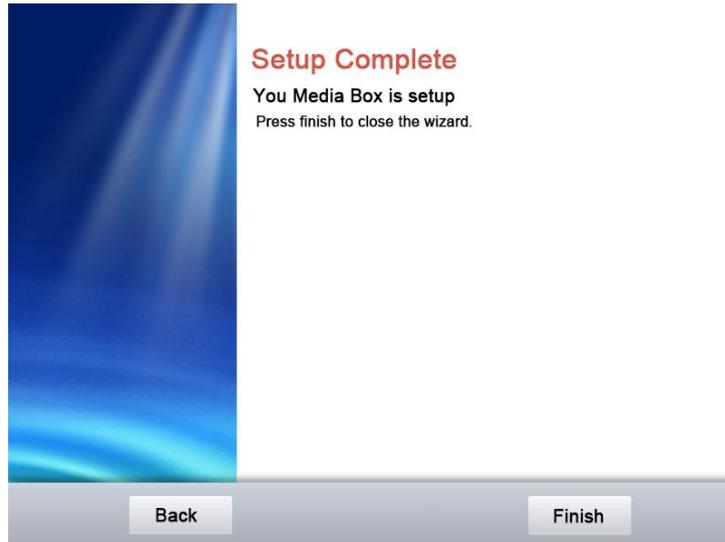
3.1.4 Click “**display position**” to adjust the screen position,then click “**Next**”



3.1.5 Click “**Ethernet Configuration**” to configure ethernet network,then click “**Next**”



3.1.6 Click “**Wi-Fi Configuration**” to configure WiFi network,then click “**Next**”



3.1.7 Click “**Finish**” Complete the wizard!

Remark: You only need to do initial setup in this way for first-time start-up of KS6311, and you will go to home page directly when you reboot it later.

3.2 Wired Access Setup



Select “**Setting**” icon on the home page above, you can see below network setting page. Then select “**Ethernet**” in the Menu, you will see below interface:



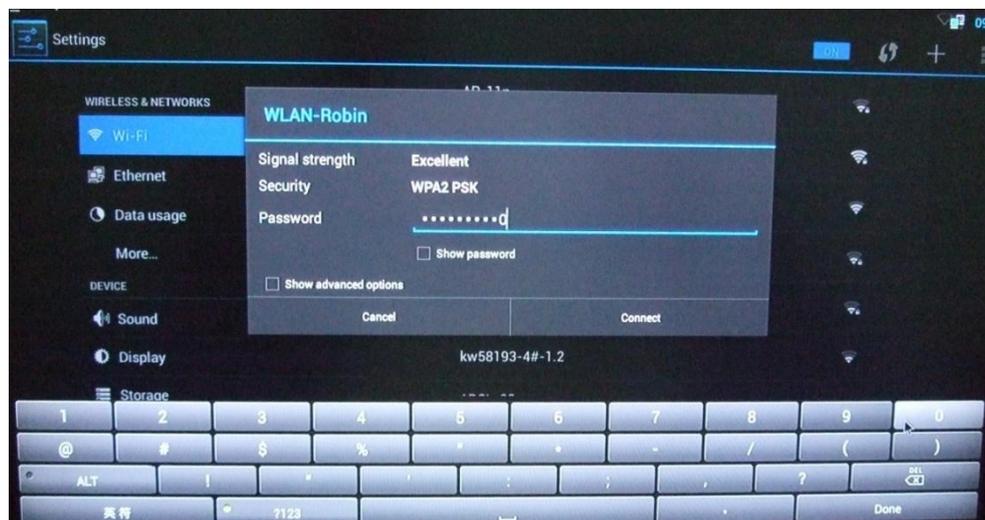
Item	Description
DHCP	This is the commonly used network type, when your Internet Router is with DHCP Enabled on LAN side or your ISP provided you dynamic IP for Internet Access, you could select this mode to have TV Box obtain IP address automatically.
Static IP	When your ISP provided you Static IP or your Internet Router with DHCP Disabled on its LAN side, then you could select this mode and configure detailed IP address.
DNS address	When you are selecting Static IP mode, then you need to input the DNS address, you could use the same DNS address on your Internet Router, or you could inquire your local ISP to get it.

3.3 Wireless Access Setup

3.2.1 Select “**Setting**” on the home page, then select “**Wi-Fi**” in the left Menu, you will see a list of SSID in your local network.



Select the correct SSID available to you, then you will see below window, input WiFi password and select “**Connect**”, then your wireless network is connected.



4. OTHER FUNCTIONS

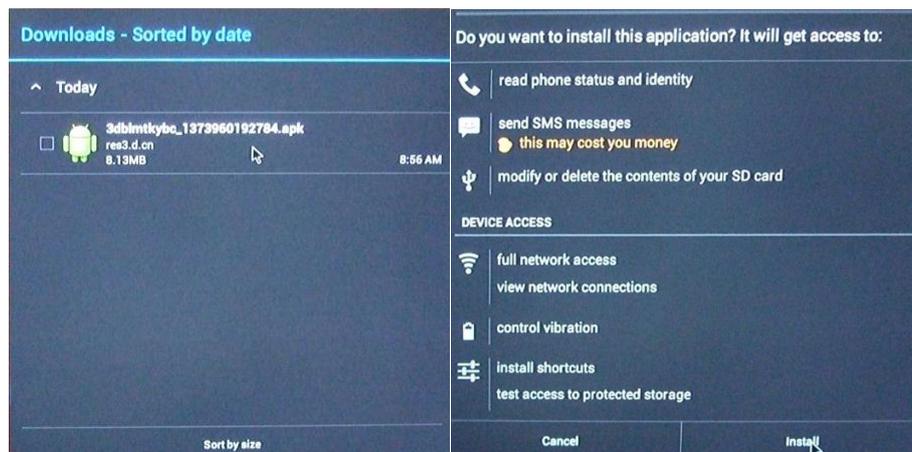
4.1 Download & Install Applications

4.1.1 Download directly from Internet

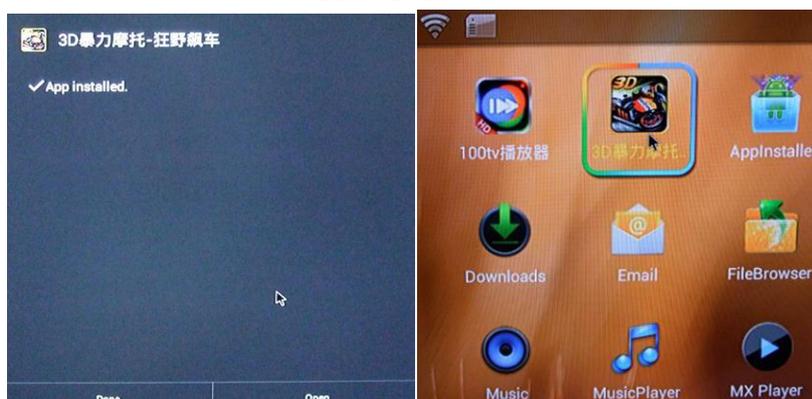
- a. Find specific application from internet and download it to your TV Box.
- b. Select "Apps" in the home page and find "Downloads" icon.



- c. Select "Downloads", you will see the list of applications you downloaded, select the application you want to install, then select "Install" button.



- d. After the application is installed successfully, you can select "Open" to run it, or you could find its icon in the "Apps" page to run it.



4.1.2 Download to USB Disk or SD Card

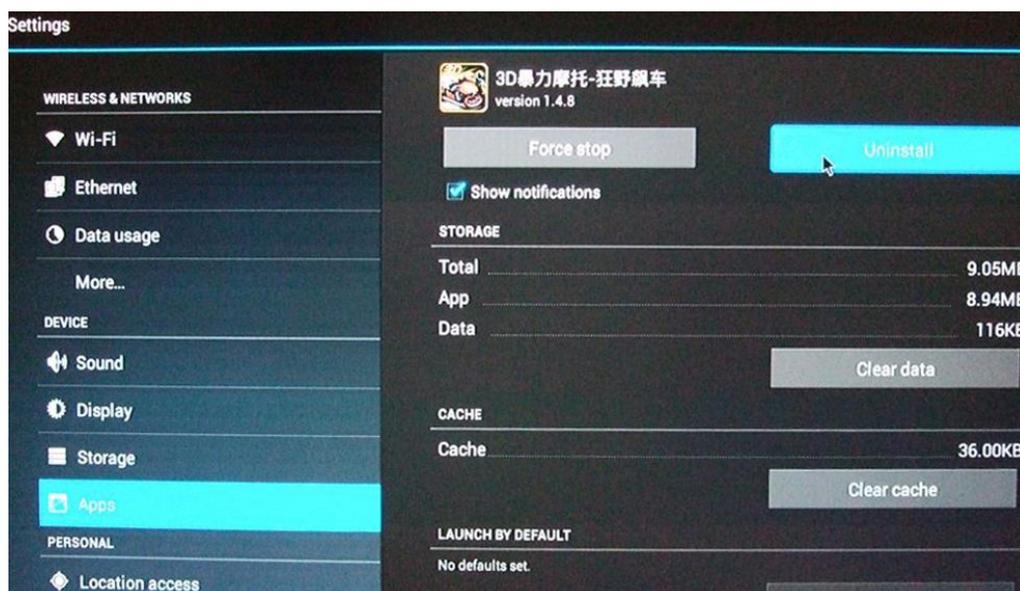
- Download specific APK application to your USB Disk or SD Card.
- Insert USB Disk or SD Card to TV Box, then go to “Apps” page and select “Appinstaller” icon.



- Find the downloaded APK application, select it to install to TV Box.

4.2 Uninstall Applications

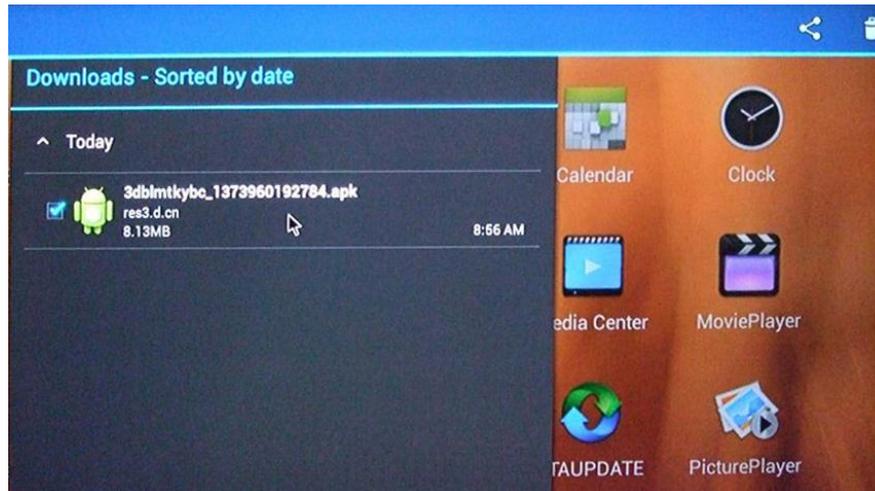
Select “**Settings**” in the home page, then select “**Apps**” in the left Menu, you will see the Applications installed, select the one you want to uninstall, you will see below page, select “**Uninstall**” button (if the application is running, first select “**Force Stop**”, then select “**Uninstall**”).



4.3 Delete Downloaded APK Applications

You need to use a USB Mouse to realize this function:

- Select “Apps” in the home page, then select “Downloads” icon, you will see the list of downloaded APK applications.
- Select the one you want to delete, clicking the file you want to delete for a few seconds, then click the recycle bin() icon on the top right corner of the screen to delete it from TV Box.



4.4 Local Media Playback

Insert USB Disk or SD Card to TV Box, then select “**Local**” icon in the home page, then select the Picture, Audio or Video files to playback.



Remark: Currently you could only play Pictures, Audio and Video files in the external storage devices, if you want to run APK application file, please refer to 4.1.2 above.