

A1605A 机顶盒说明书

规格：135mm×110mm-80克双胶纸-黑色双面印刷-骑马钉-20P
比例：1：1

备注：此页不在印刷范围内！

TOLIRANCES (UNLESS OTHERWISE STATED)									(mm)
DECIMALS	0.5－3	>3－6	>6－20	>20－30	>30－60	>60－90	>90－120	>120－400	>400
ANGLES	±0.2	±0.3	±0.4	±0.5	±0.6	±0.7	±0.8	±1.2	±2



广州视源电子科技股份有限公司
Guangzhou Shiyuan Electronics Co., LTD.

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设 计		审 核	

Android Box

Version: V1.0



User Manual

FCC Statement:

- A. Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- B. batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

FCC Statement:

A: The MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

B. Use only power supplies listed in the user instructions: Trade mark: SUNUN, model name: SW15-120S100U, Input: 100-240V~0.4A Max 50/60Hz, Output: 12V 1A

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.

FCC Statement:

"This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body."

Before operating the unit, please read through this manual.

The final software version should be subject to the latest development.

Final interpretation is owned by our company.

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Safety Warning

Before operating the unit, please read through this manual.

PLACEMENT

- Do not place the unit on an unstable cart, stand, tripod, bracket, table, or shelf.
- Do not expose the unit to direct sunlight and other sources of heat.
- Do not handle liquids near or on the unit.
- Never spill liquid of any kind into the unit.
- Do not put the unit near appliances that create magnetic fields.
- Do not put heavy objects on top of the unit.

POWER SUPPLY

- Check that the unit's operating voltage is identical with your local power supply.
- Please unplug power supply and aerial plug when the weather is thunder-storm or lightning.
- Please unplug power supply, when there is nobody at home or didn't use over a long period of time.
- Please keep power cord from physical or mechanical damage.
- Please use exclusive power cord, don't modify or lengthen it.
- Please check and ensure AC source is connected with the ground.

TEMPERATURE

- Do not place the unit near or over a radiator or a heater register.
- If your unit is suddenly moved from a cold to a warm place, unplug the power cord for at least two hours so that moisture that may have formed inside the unit can dry completely.

HUMIDITY

- Do not expose machine in rain, damp or place near water.
- Ensure the indoor drying, cool.

VENTILATION

- Keep the ventilation openings clear.
- Ensure that the unit has enough space for ventilation around: left, right and back >10cm, top > 20cm.

BATTERY

- Accurate transaction and recal I scrap battery after using.
- Please don't let kid touch battery, in case of dangerous don't throw battery into fire.

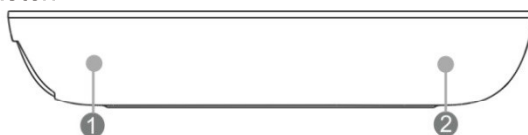
SOFTWARES

- Some APPS for smart phones or unique CPU solutions may not suit for this product.
- Some softwares need unique peripherals to support, like G-sensor, may not suit for this product

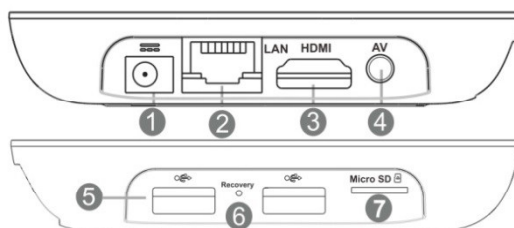
Preparation

1.1. Introduction

1.1.1 Sketch



Front	Function
①	Signal LED(red--power off, blue--power on)
②	Signal receiver



Back	Function
①	DC in
②	Ethernet input
③	HDMI output (Best resolution experience in 720p or 1080p)
④	AV output (Best resolution experience in 480i or 576i)
⑤	USB port x 2
⑥	Recovery button
⑦	Micro SD slot

Preparation

1.1. Introduction

1.1.2 Peripheral



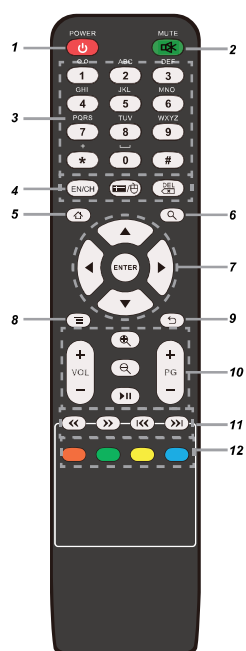
Remote



AC adapter

AV cable(Optional)
HDMI cable(Optional)
User manual(Optional)

1.1.3 Remote



Button	Function
1.	Turn on/off
2.	Sound/Mute
3.	Number 0 ~ 9 and "*", "#"
4.	Switch input number or alphabet Turn on/off Mouse Mode Delete
5.	HOME button, back to main page
6.	Search
7.	Up, down, left and right direction Control Confirm
8.	Menu button
9.	Back
10.	Volume "+, -"(Turn up/down) Page turning "+, -"(up/down) Zoom in/out Multimedia: Play/Pause
11.	Multimedia: Forward/Backward/ Preview/Next
12.	Defined function button

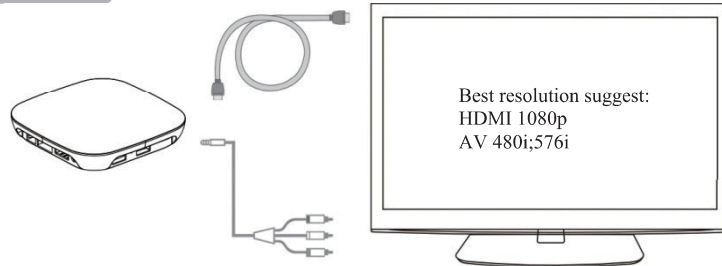
Connection

2.1. How to Connect

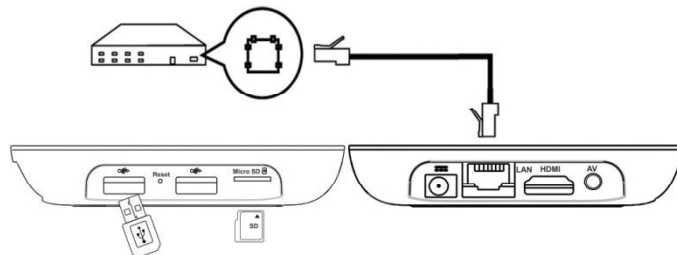
Connect the Android box to a display equipment

+Reminder

The display equipment must have a HDMI terminal or AV terminal



2.2. Terminal



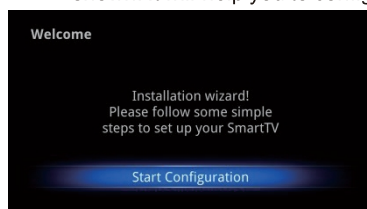
- Micro SD slot (support up to 64GB)
- USB 2.0 port support keyboard, mouse, U disk, mobile HDD and etc.
- LAN allows Ethernet

x Warning! USB port allows only one mobile HDD at the same time!

Install Wizard

3.1. Welcome Page

When the Android Box is first powered up, Welcome Page will be shown. It will help you to configure the device.

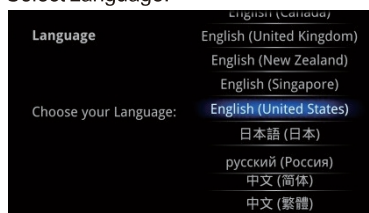


+Reminder

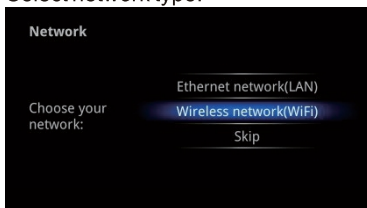
If you want to skip this wizard,
press "HOME" key
If you have finished this wizard
once, it will not auto-open again

3.2. Setup Page

Select Language:



Select network type:



+Reminder

If you do not want to choose your network
, you can skip this step by press "Skip"
You will also find the network settings in
function "Settings"

Install Wizard

3.2. Setup Page

Select Wireless network(Wi-Fi)

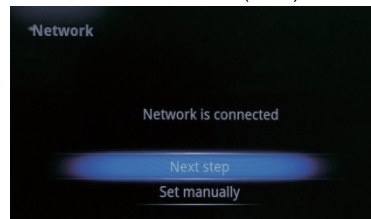


+Reminder

If choose "Wi-Fi", select a Wi-Fi Access Point

If choose "Ethernet", the screen will show Ethernet connection status

Select Ethernet network(LAN)

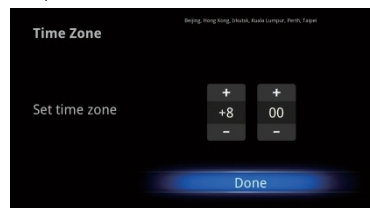


Configure Ethernet manually

Manually wired	IP Address*			
	Subnet Mask			
	DNS Server			
	Default Gateway			
	Done			

Set your network manually

Set up the correct Time Zone



+Reminder

If network is not connected, setup the date and time manually

Install Wizard

3.2. Setup Page

Setup time/data manually

Date/Time

Set time

+	+
10	03
-	-

Done

Date/Time

Set date

+	+	+
Nov	24	2011
-	-	-

Done

Configuration

Status

Language English (United States)
Network Network can not be connected
Time zone GMT-08:00
Time 4:01 PM

Complete

Adjust screen size, using the arrow buttons on remote control



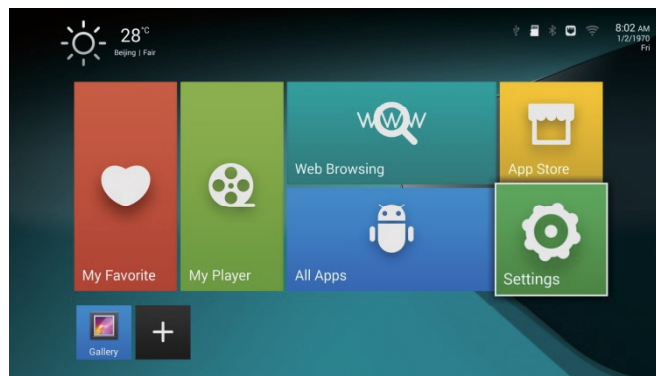
+Reminder

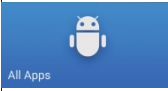
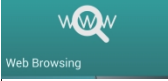
User can setup the Language, Network, Time Zone, Date/Time, and adjust screen size in this part

Main Launcher

4.1 Main Launcher

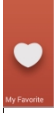
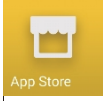
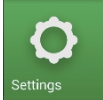
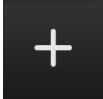
Press the arrow buttons ◀▶ ▲▼ to select the icon and press “enter” the sub-screen



FUNCTION	DESCRIPTION
	Main Launcher tab contains: Time information(You can set time information at settings) Function status contains: USB; Micro SD; Bluetooth; Ethernet; WIFI connection (White for working,gray for standby)
	All App menu can view and select more apps
	The Browser tab contains bookmarks and search bar. It allows you enjoy your time on surfing Internet. You can search for information and watch online TV etc.

Main Launcher

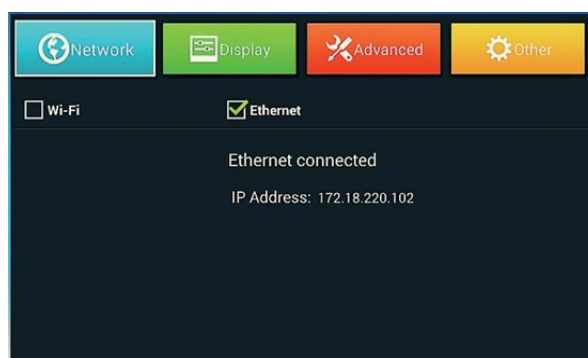
4.1 Main Launcher

FUNCTION	DESCRIPTION
 My Favorite	Add you favorite APP to this directory
 My Player	Add the player to this directory
 App Store	Download APP Store
 Settings	The Settings screen contains most of the customizing and configuration options, such as Device info, Output mode and network settings
	Create necessary APP shortcuts to the main launcher

Main Launcher

4.2 Settings

4.2.1 Network

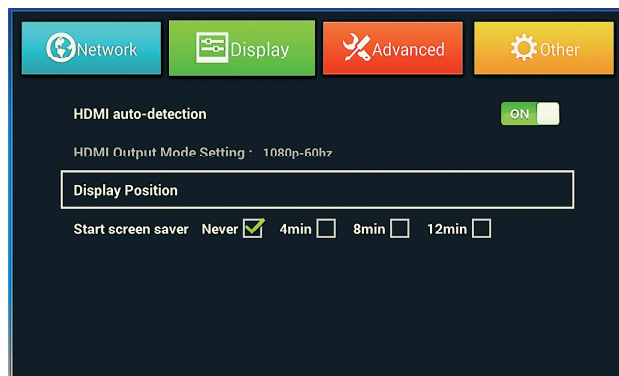


FUNCTION	DESCRIPTION
Wi-Fi settings ☐ Wi-Fi	Turn on/off Wi-Fi If on, to show the Ap lists. Need to manually choose a SSID to connect, If the Ap is encrypted, need to enter the password
Ethernet ☒ Ethernet	Turn on/off Ethernet If on, to obtain IP address automatically by DHCP

Main Launcher

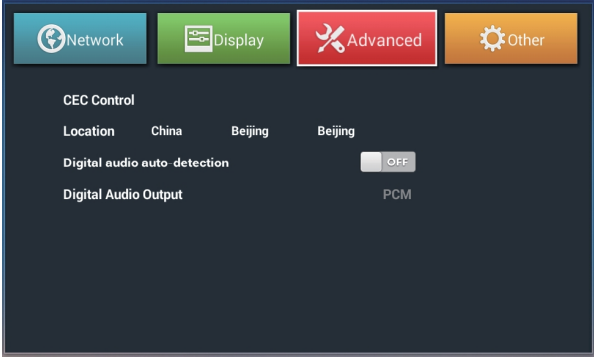
4.2 Settings

4.2.2 Display



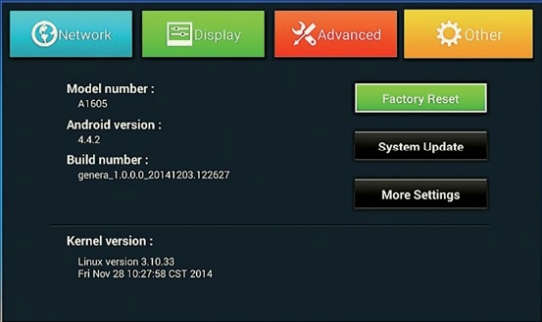
FUNCTION	DESCRIPTION
HDMI auto-detection	Automatically selects the best resolution of the output device according to HDMI
Display Position	Setting the screen display range
Start screen saver	Set the screen saver time

4.2.3 Advanced



FUNCTION	DESCRIPTION
CEC Control	CEC Control option
Location	Set country Set province Set city
Digital audio auto-detection	Select the digital audio output automatically according to HDMI output device
Digital Audio Output	Manually select digital audio output : PCM/HDMI passthrough

4.2.4 Other



FUNCTION	DESCRIPTION
Factory Reset	Restore factory default
System Update	Update system via update.zip from USB flash drive or micro SD card
More Settings	Enter advance setting menu.
Model number : A1605 Android version : 4.4.2 Build number : genera_1.0.0.0_20141203.122627 Kernel version : Linux version 3.10.33 Fri Nov 28 10:27:58 CST 2014	Model number Android version Build number Kernel version

Main Launcher

4.3 Applications

Install From USB Flash Drive/Micro SD Card

1. Open the "File Browser"
2. Choose your USB flash drive or any other mass storage's folder
3. Find you application, and press it
4. Press the install button
5. You can find the application in tab "Apps" after installation

Download & Install From Browser

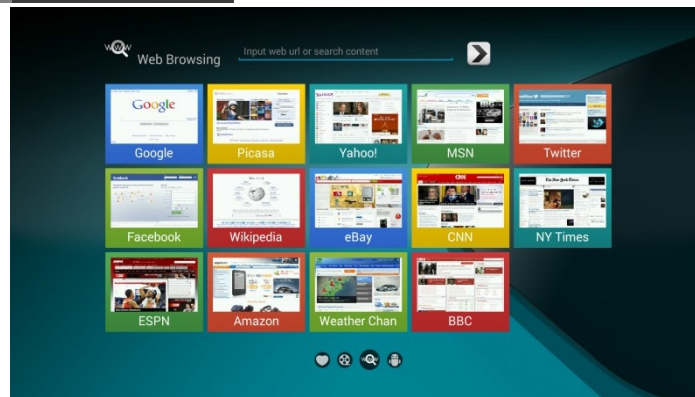
1. Open the Browser
2. Press search key and input your website address
3. Download the APK file which you like if there is a link for download
(If you have problems with downloading, please make sure there is enough space in your internal storage)

Remove Applications

1. Enter **SETTINGS**
2. Enter **Apps**
3. Find the application you want to remove in tab "All"
4. Enter the icon and press "Uninstall"
5. Press "OK" to confirm uninstall

Main Launcher

4.4 Browser



+You will use the buttons as follow

- Menu Key 
Call out the menu of browser
- Back Key 
Back to the last page

You will use the mouse buttons as follow

- Left click
Click to confirm entering or choosing
- Right click
Click to back
- Mouse wheel
In webview: Flip over,Page up&down

Specifications

OS	Android 4.4
CPU	ARM Cortex A5
Frequency	Quad Core ARM Cortex-A5 up to 1.5GHz
RAM	1GB (512MB optional)
ROM	4GB EMMC flash(8/16/32GB Nand/EMMC flash Optional)
I/O	USB port x 2
	Ethernet input RJ45 port
	Micro SD card slot
	AV output
	HDMI output
	Support Bluetooth
	Support Wireless: Wi-Fi 802.11 b/g/n (802.11ac/a/b/g/n Optional)
	Wired: Ethernet10/100 Base-T
Language	Multi-Languages
Display Specs	Resolution:(HDMI)720i/P 50/60Hz;1080i/P 50/60Hz (AV)480i:576i
Media Format	Video Formats: Full-format 1080P HD video decoding play
	Supported Video decoding: MVC,MPEG-1/2/4,H.264,H.265,VC-1,WMV,AVS,MJPEG, Real Video8/9/10
	Supported Audio decoding: MP3, PCM, AAC/AAC+, WMA, MPEG Audio, Vorbis, Real Audio, Flac, APE, ALAC, Ogg
	Supported subtitle formats: SRT,SSA,ASS,SUB
Feature	First Time Installation
	Screen keyboard or support USB keyboard, wireless keyboard and mouse
	Video, music, picture player
	File manager
	ApkInstaller
	Support kinds of thirdparty softwares

