Android Box
ENJOY TV QUAD CORE Box
APC390K
User's Guide

Thank you for purchasing this Geniatech product.
.Before using it, be sure to read the precautions contained in this User's Guide.
.Keep the User's Guide in a safe place for future reference.
.For the most up-to-date information about this product, visit official website at http://www.geniatech.com

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1. Safety Information

Read and understand all instructions before using this product. If damage is caused by failure to follow the instructions, the warranty does not apply.

1.1 Warning

To reduce the risk of electric shock, DO NOT remove the cover (or back).
DO NOT attempt to repair the product, this could lead to the risk of injury, damage to the product.
To reduce the risk of fire or electric shock, keep this product away from exposed direct sunlight, naked flames or heat, large amounts of moisture, dust, and sand.
FCC Note (for U.S.A)
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 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.
- Consult the dealer or an experienced radio/TV technician for help.
- This class B digital product meets all requirements of the Canadian Interference - Causing Equipment Regulations.

1.2 Precautions

Important Safety Instructions
Read these operating instructions carefully before using the unit. Follow all the safety instructions listed below.
Keep these operating instructions handy for future reference.
1.2.1 Read these instructions.
1.2.2 Keep these instructions.
1.2.3 Heed all warnings.
1.2.4 Follow all instructions.
1.2.5 DO NOT use this apparatus near water.
1.2.6 DO NOT clean with any chemical detergent. Clean only with a dry cloth.
1.2.7 DO NOT block any ventilation openings. Install in accordance with the manufacturer’s instructions.
1.2.8 DO NOT install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.

1.2.9 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where it exits the apparatus.
1.2.10 Only use attachments/accessories specified by the manufacturer.
1.2.11 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
1.2.12 Unplug this apparatus during lightning storms or when unused for long period of time.
1.2.13 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

1.3 Handling Cautions

1.3.1 DO NOT expose this apparatus to dripping or splashing. Do not put objects filled with liquids, such as vases on the apparatus.
1.3.2 To turn this apparatus off completely, you must pull the power plug out of the wall socket. Consequently, the power plug must be easily and readily accessible at all times.
1.3.3 DO NOT plug multiple electric devices into the same wall socket. Overloading a socket can cause it to overheat, resulting in a fire.
1.3.4 Before connecting other components to this player, be sure to turn them off.
1.3.5 If the product makes an abnormal noise or produces a burning smell or smoke, turn off the power switch immediately and disconnect the power plug from the wall outlet. Then, contact the nearest customer service center for technical assistance. Do not use the product. Using the product as it is may cause a fire or an electric shock.

2. Introduction

2.1 Package Contents

Android industrial BOX - APC390K
User's Guide
HDMI Cable
IR Receiver Cable
Audio cables
No. 7 carbon battery
IR Remote Controller (IR RC)
Power Adapter, Input: AC100 ~ 240V, 50/60Hz, Output: 5V/2A

2.2 Product Features

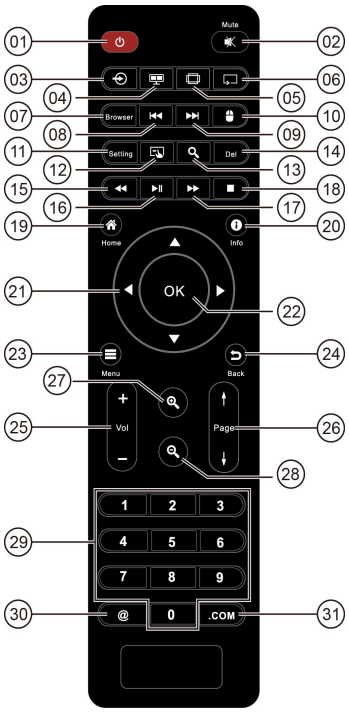
- Quad Core ARM Cortex-A55 CPU, RAM 8GB DDR4(optional 2GB/4GB), ROM built in 8G~128GB (storage TF card Max 512G) EMMC
- Powered by Android 11.0 / Linux Debian OS
- Built in WiFi(2.4G/5.8G) /BT4.1（BT5.0 Optional）
- NPU supports INT8/INT16/FP16/BFP16 MAC hybrid operation
- 2 USB interface, one USB 2.0 and another USB 3.0, support mobile HDD, wired/wireless mouse and keyboard operation
- RJ45 10/100M/1000M Ethernet interface
- Support 4K video playback
- Support HDMI video output
- Support HDMI Input
- Support weather, calendar, and desktop clock gadgets
- Support IR Remote Controller
- Support RS232 or IR blaster (Choose one of two)
- Support WatchDog&RTC
- Support 4G networks（Optional）
- GTIOT (Support Z-WAVE / ZIGBEE / LoRa / LTE / GPS / BT5.0)
- Support music player, picture player and more family entertainment
- Support TF card and Google Chrome browser and virtual private network access
- App Installer for application installation from USB/SD card

2.3 Panel Introduction

No.	Name	No.	Name
1	Power Key	7	USB 3.0
2	IR reception	8	HDMI IN
3	NET LED	9	LAN
4	Micro SIM	10	HDMI OUT
5	Power LED	11	RS232
6	USB 2.0	12	DC IN

2.4 Remote Controller

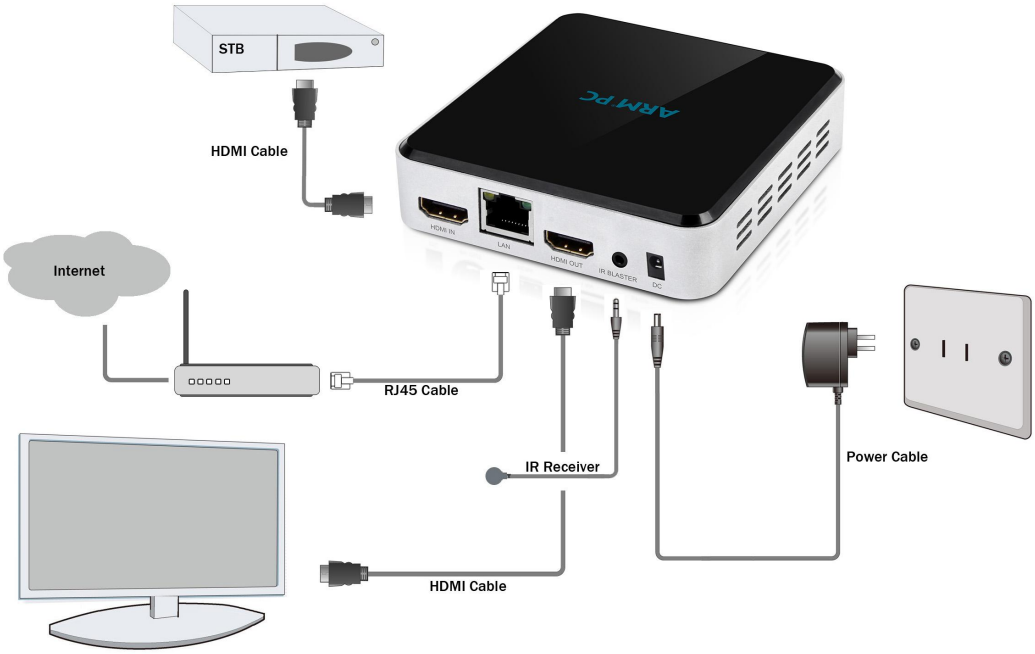
① Power
② Mute
③ Source in
④ N/A
⑤ Stretch
⑥ Loop playback
⑦ Browser
⑧ Previous
⑨ Next
⑩ Mouse
⑪ Setting
⑫ N/A
⑬ Search
⑭ Delete Stop
⑮ Fast backward
⑯ Play
⑰ Fast forward
⑱ Stop
⑲ Home
⑳ Info
㉑ CH +/-
㉒ OK
㉓ Menu
㉔ Back Zoom Out
㉕ Vol +/-
㉖ Pag +/-@
㉗ Zoom In
㉘ Zoom Out
㉙ Number keys
㉚ @
㉛ .COM



Note: Button Battery 2025 3V insert with correct polarity (+/-).

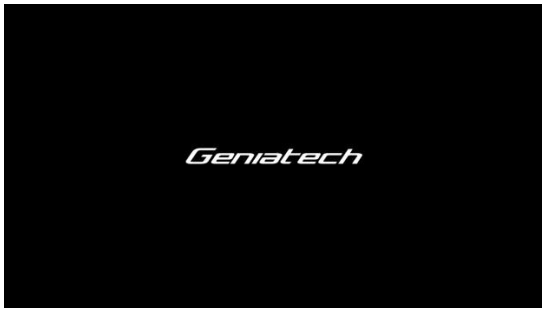
2.5 Setup Connection

Place APC390K on a flat platform near the TV, and make sure nothing block the remote control signal.

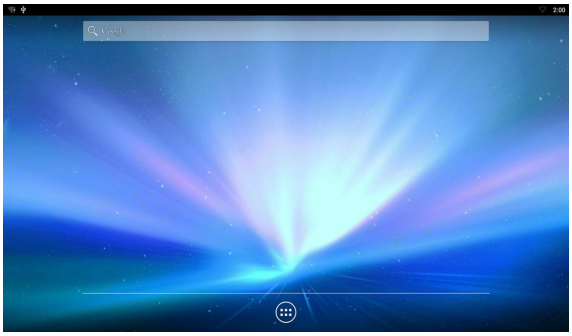


2.6 Display when Power Up

2.6.1 After power up, the TV will first show a green robot during loading. When loading is finished, it will go to Home screen.

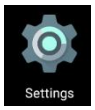


2.6.2 Home Screen display.

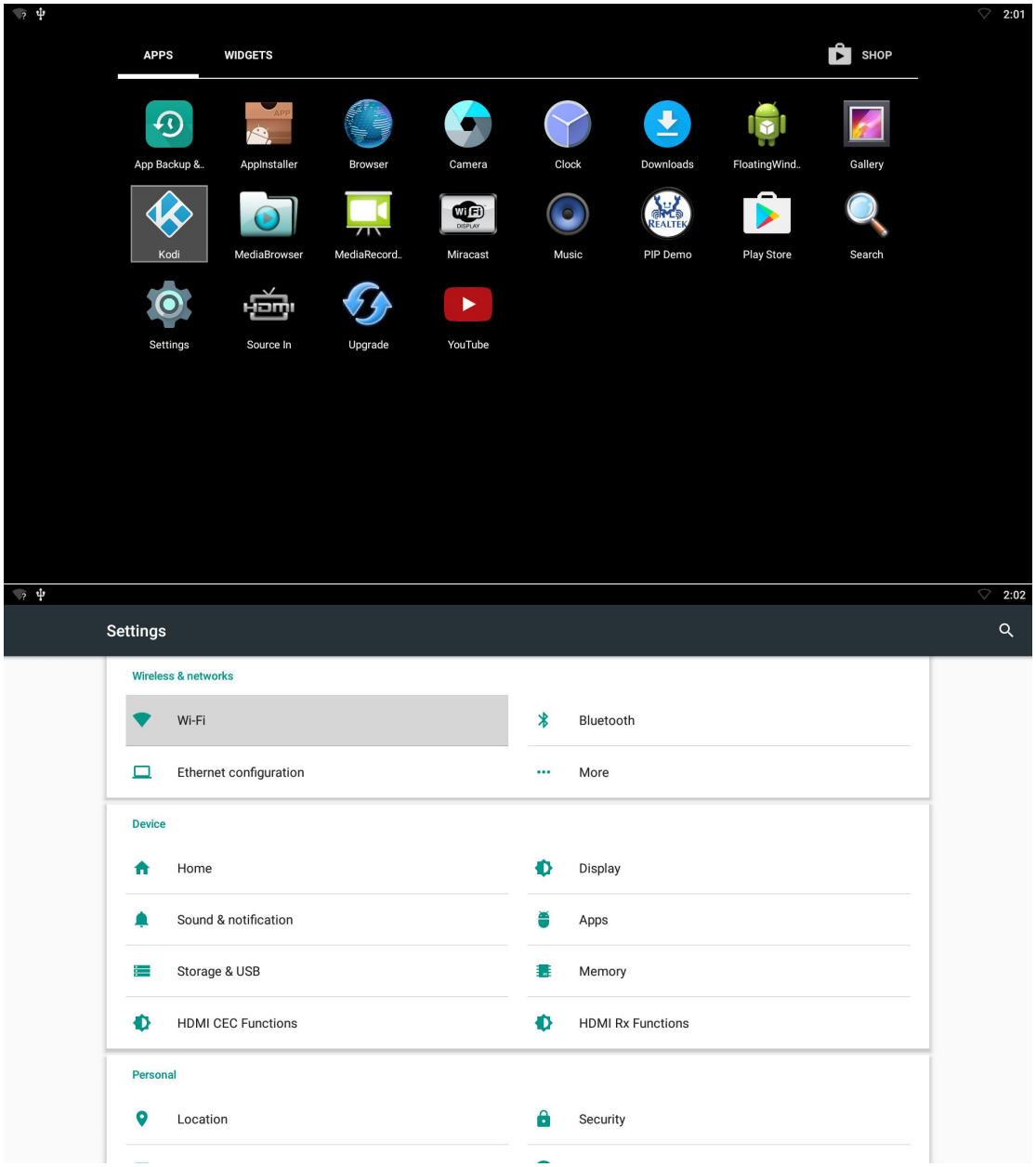


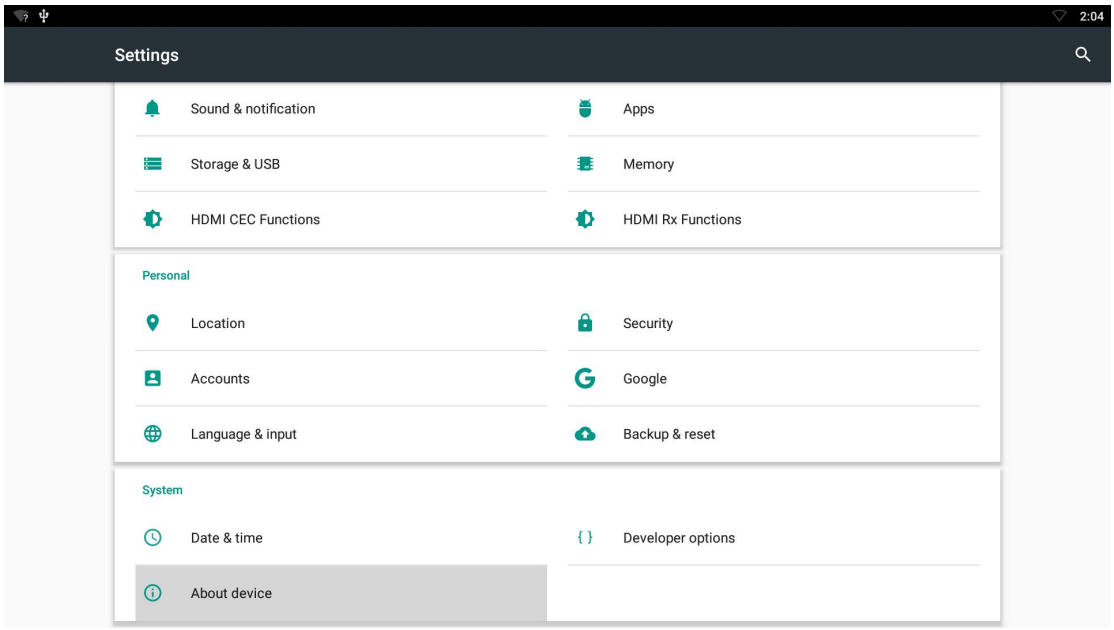
3. Settings

Using Navigation (4 directions), OK, EXIT, and Menu keys of Remote Controller to select the options, the option selected will be highlighted and confirmed by pressing OK key. Same operation for text input if needed.

Select 

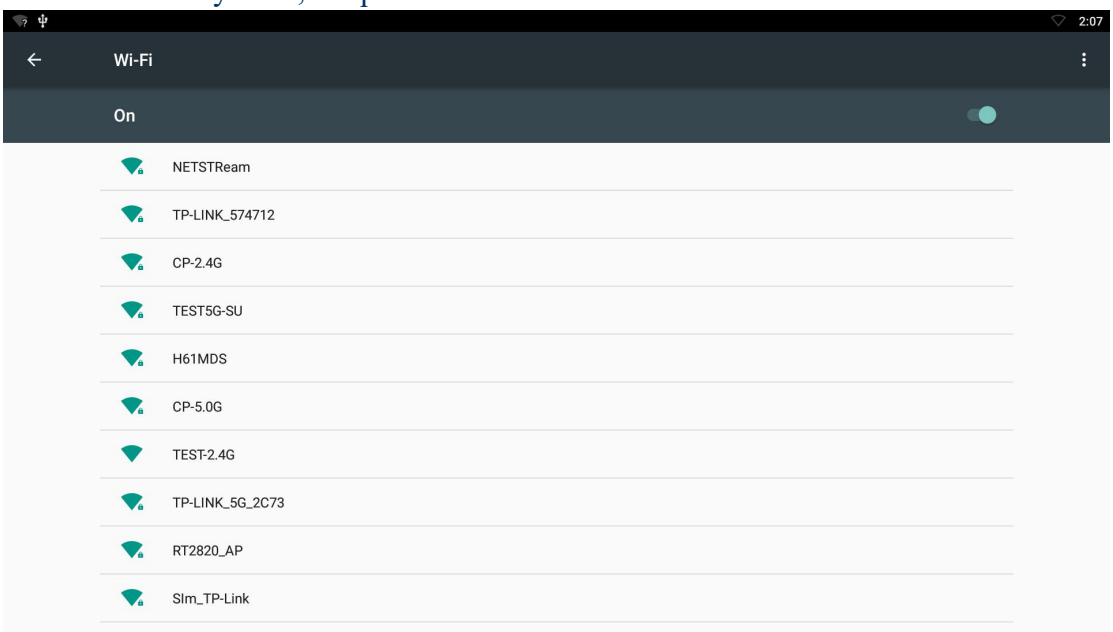
icon then press OK key to settings interface.



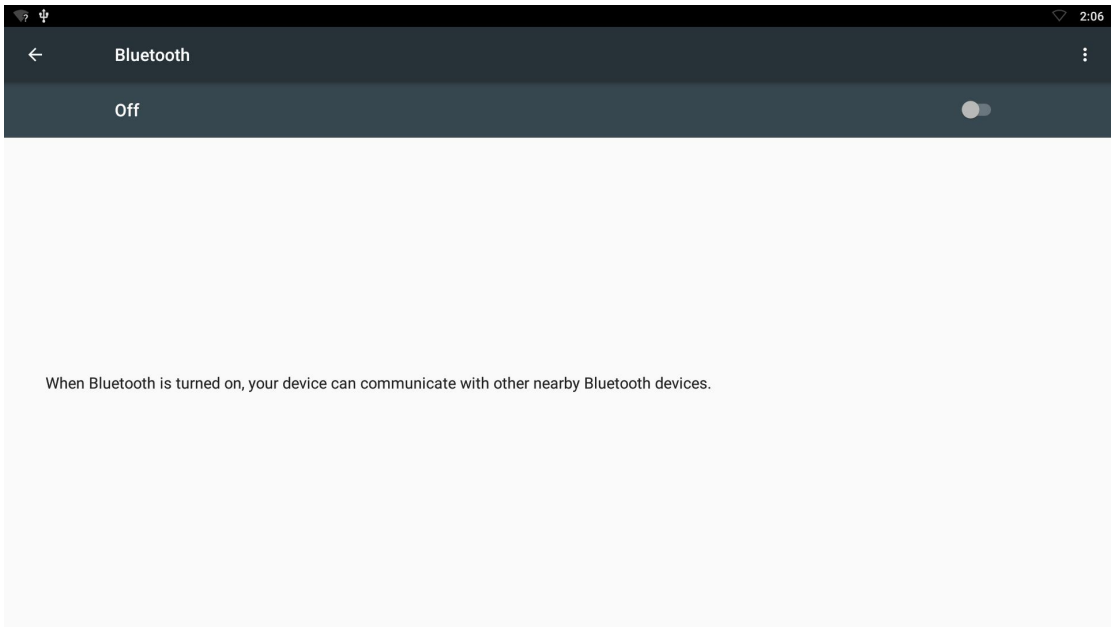


3.1 WiFi

3.1.1 It will automatically scan ambient WiFi networks when select “ON”.
3.1.2 Connect an available WiFi network. If connect a secured WiFi network, corresponding password will be input firstly. Or fail to connect and need reset password.
3.1.3 Once build up the connection with a certain WiFi network successfully, APC390K will connect this WiFi network automatically when restart.
Note: If factory reset, the password of WiFi network have to be reset.

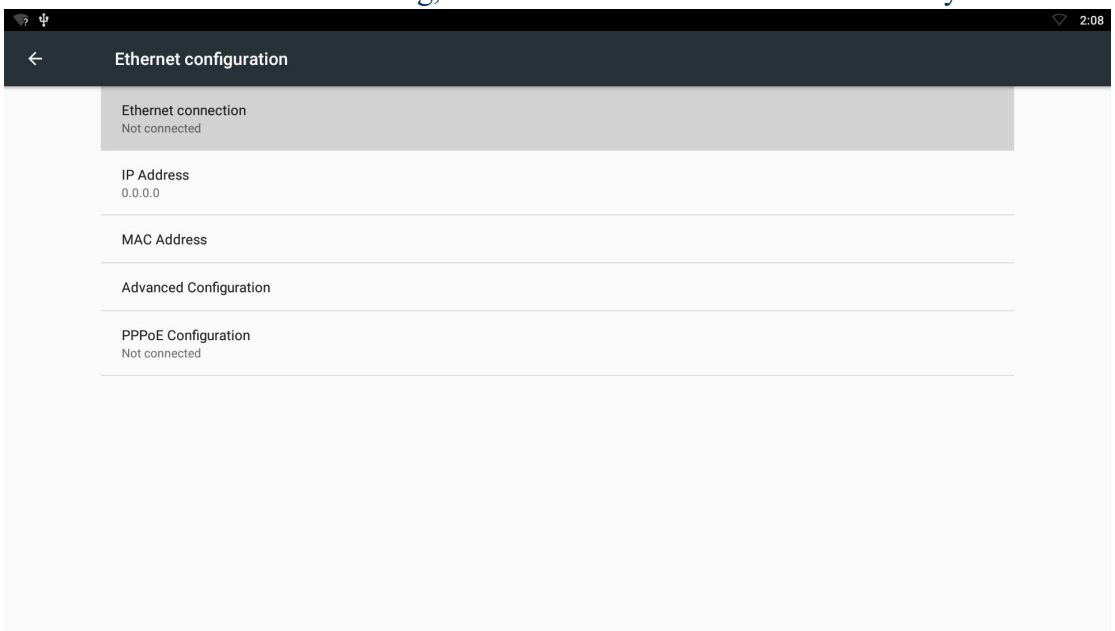


3.2 Bluetooth

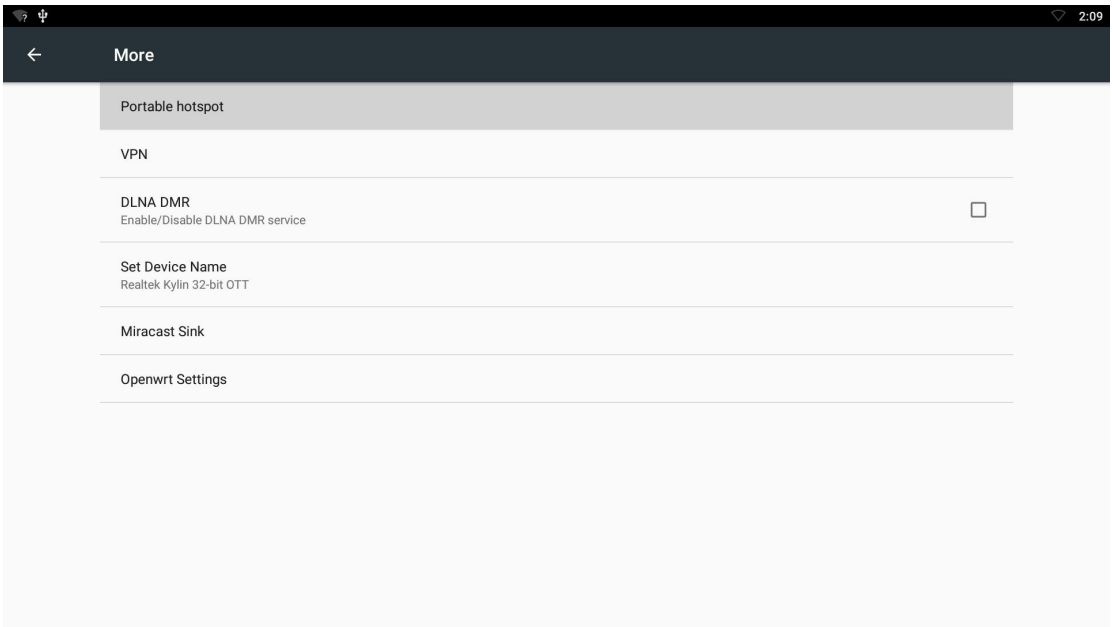


3.3 Ethernet configuration

Connect dongle and Router by RJ45 network cable.
Press “ ON” in Ethernet setting, it will connect to network automatically.



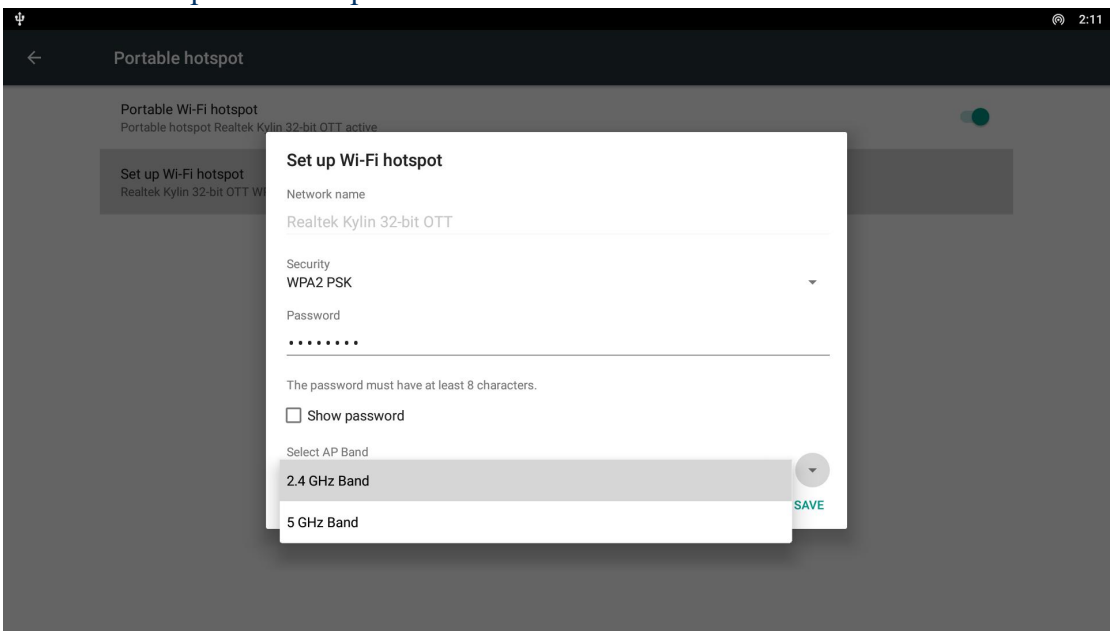
3.4 More...



3.4.1 Portable hotspot

3.4.1.1 Enable Portable hotspot

3.4.1.2 Set up Wi-Fi hotspot

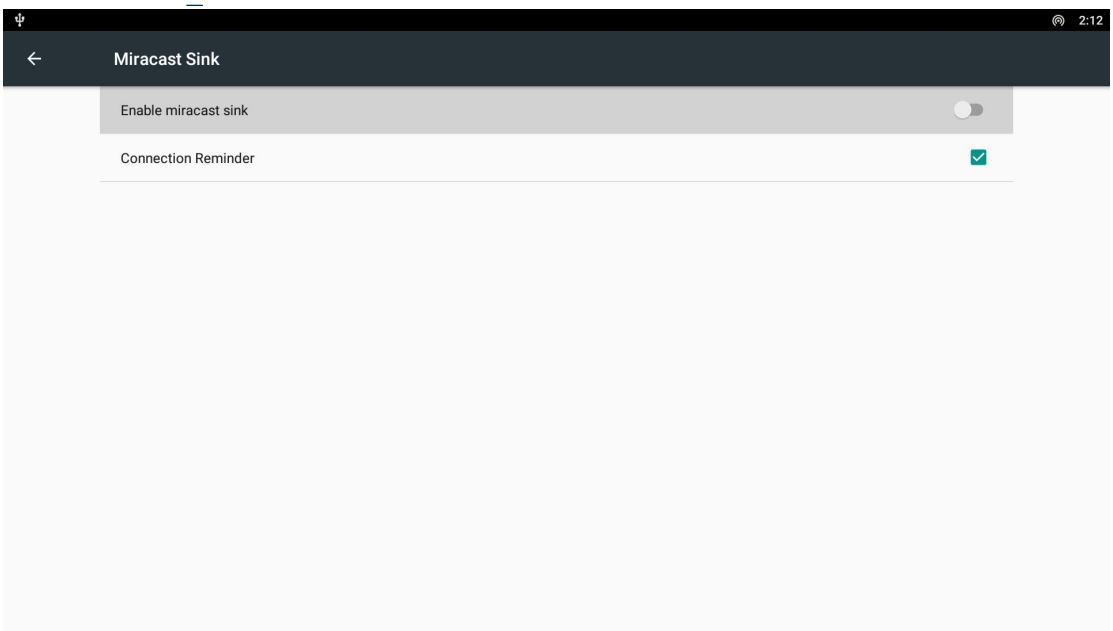


Note: WiFi and hotspot connection can not be applied at same time. Disconnect WiFi and connect Ethernet while using hotspot function.

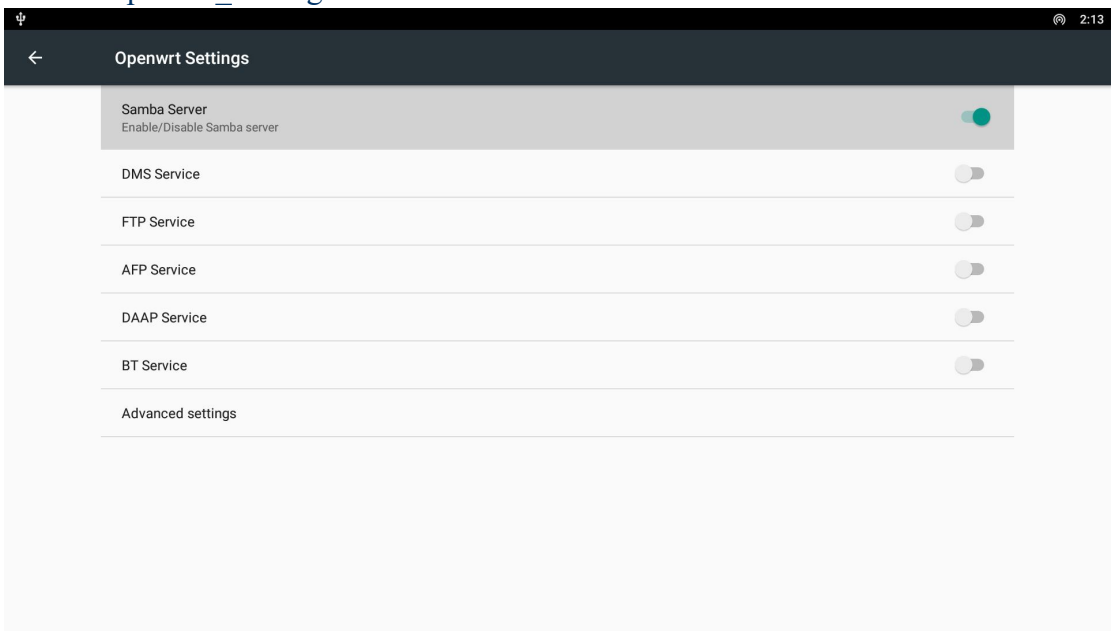
3.4.2VPN

Build and set VPN

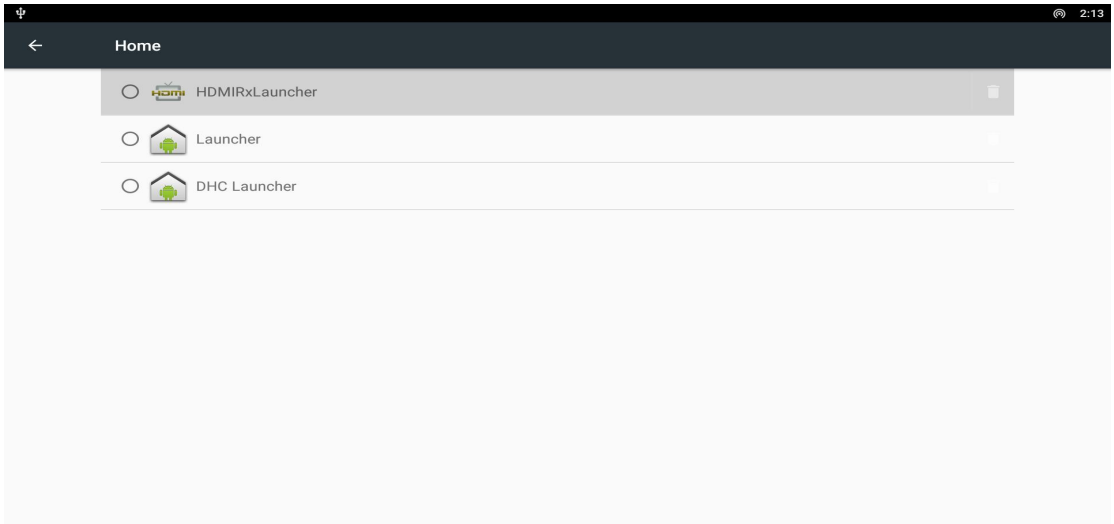
3.4.3 Miracast_Sink



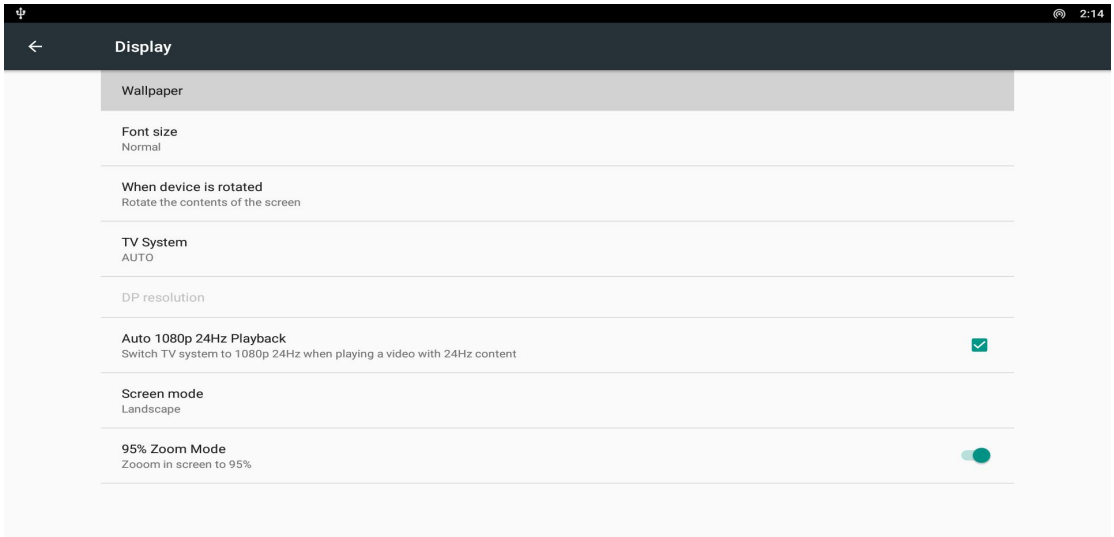
3.4.4 Openwrt_Settings



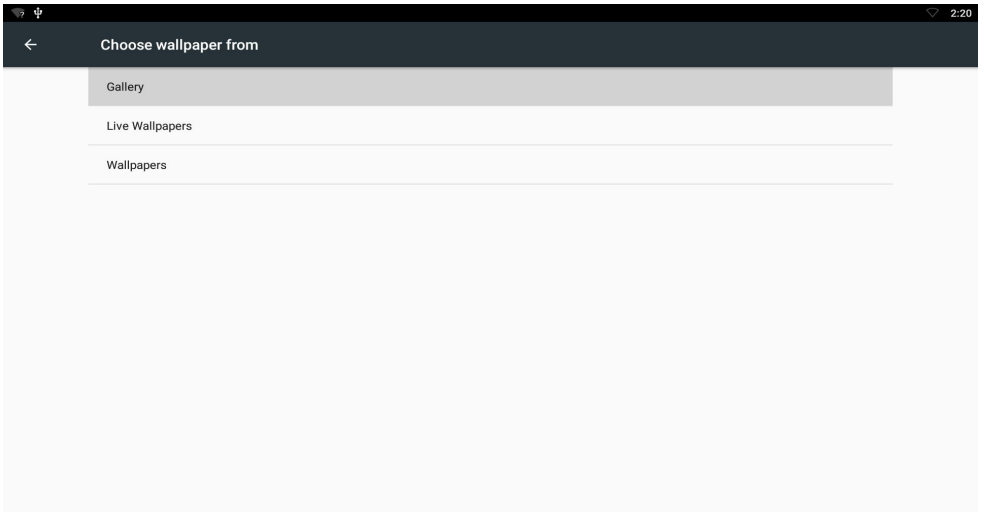
3.5 Home



3.6 Display

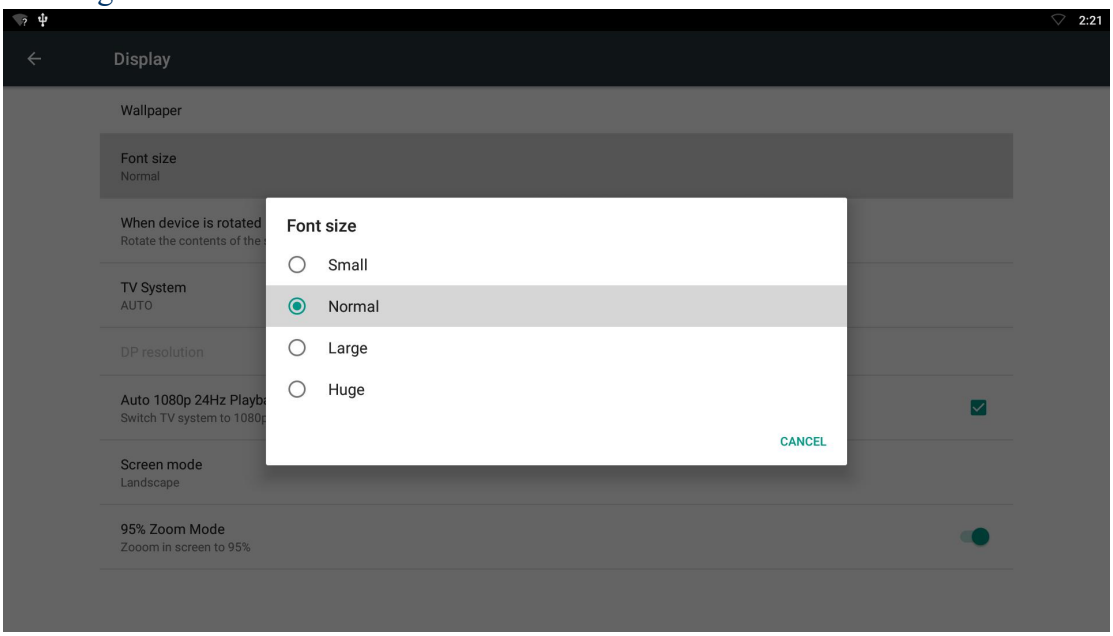


3.6.1 Wallpaper

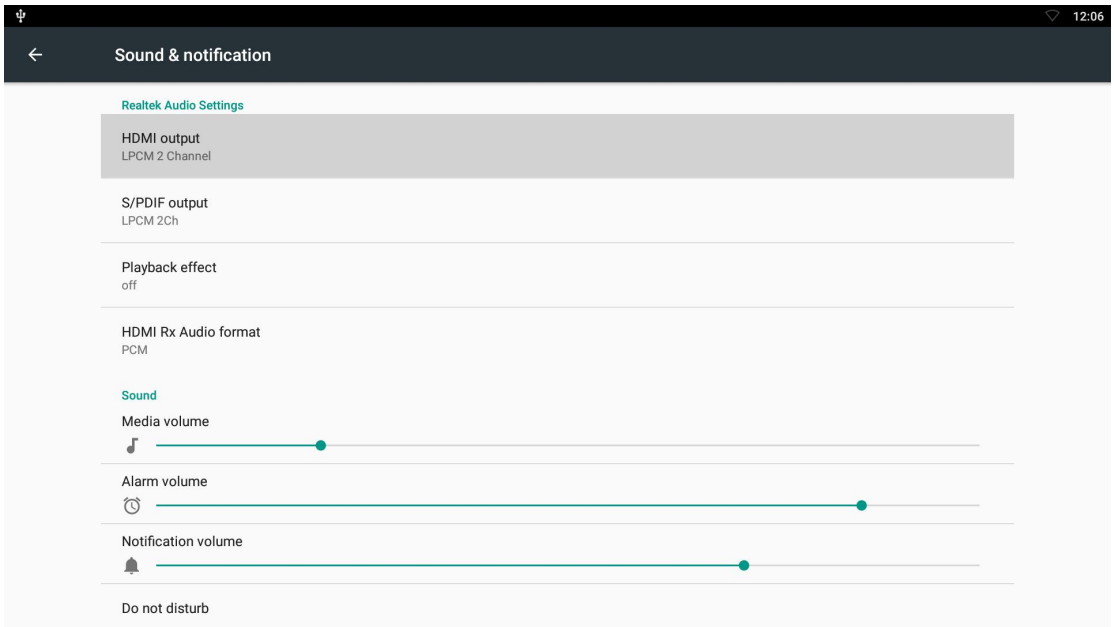


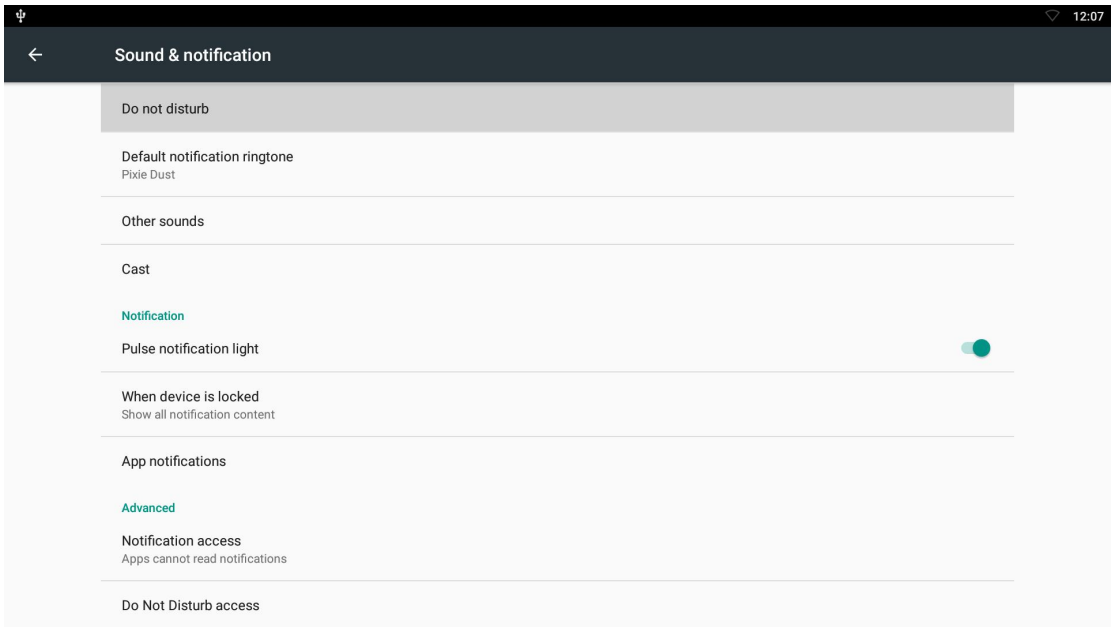
3.6.2 Font size

Change the font size of OSD



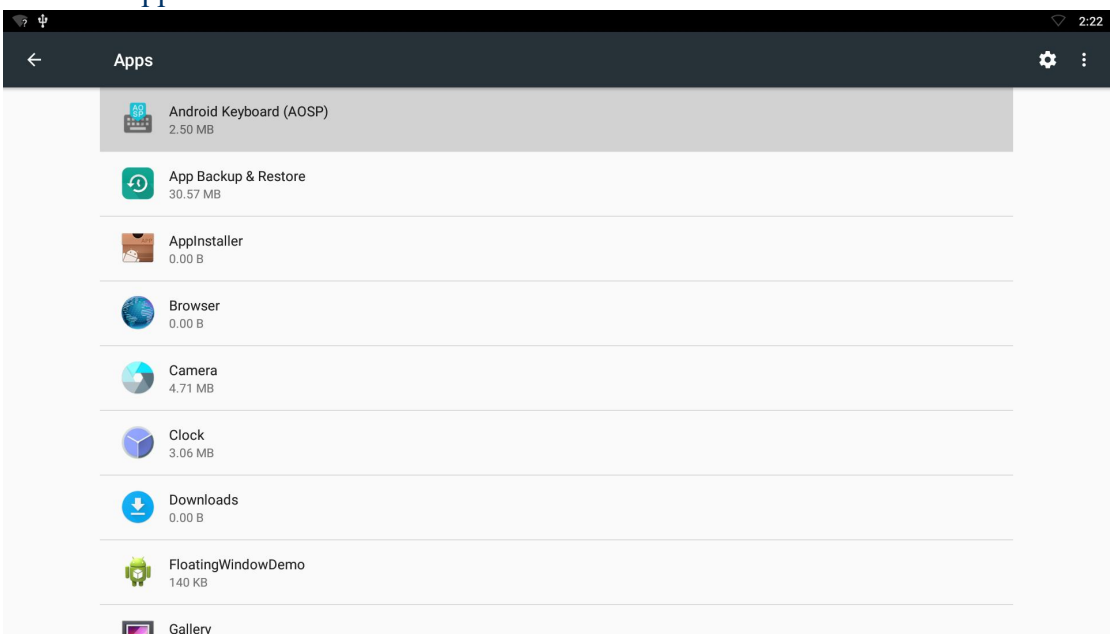
3.7 Sound&notification





3.8 Apps

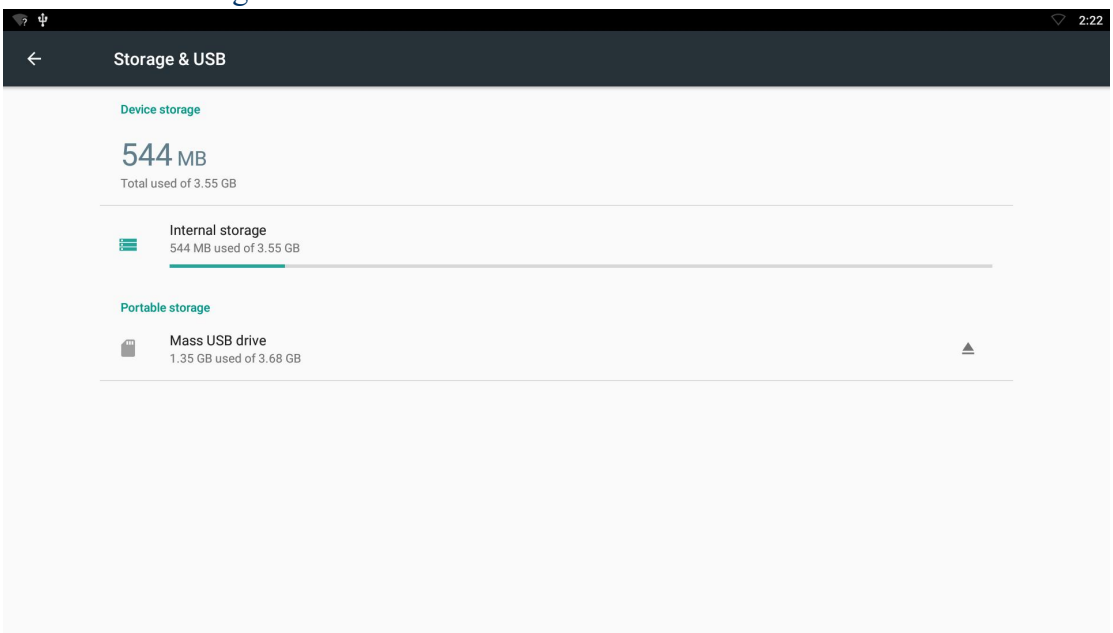
List all apps installed.



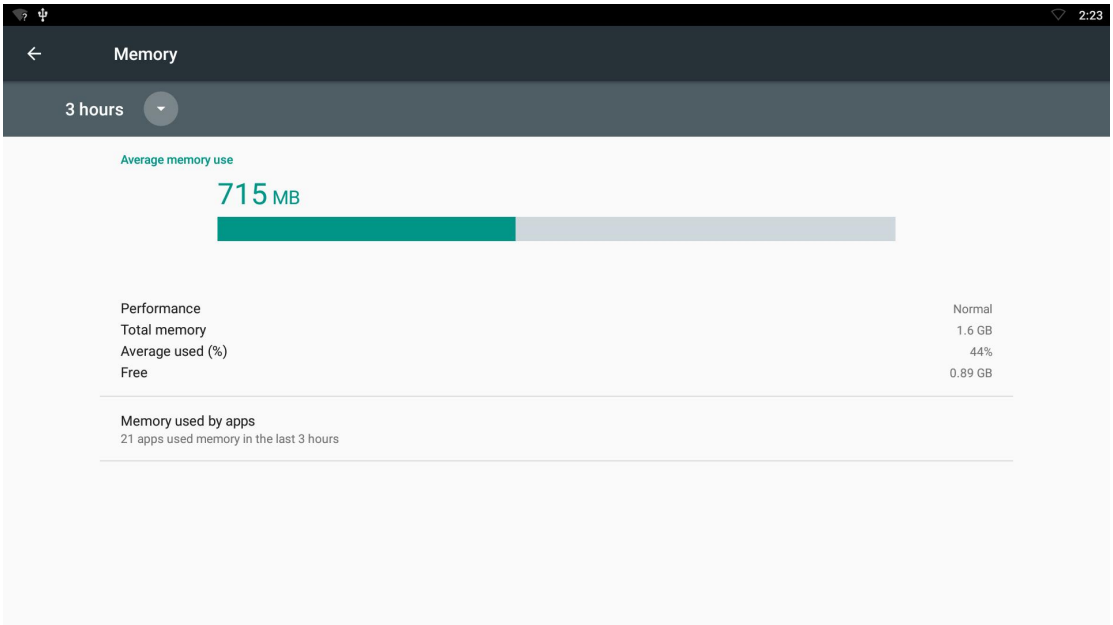
You can choose an application and force to shut down the app, uninstall the app, clear user data, move to SD card and clear cache data.

3.9 Storage & USB

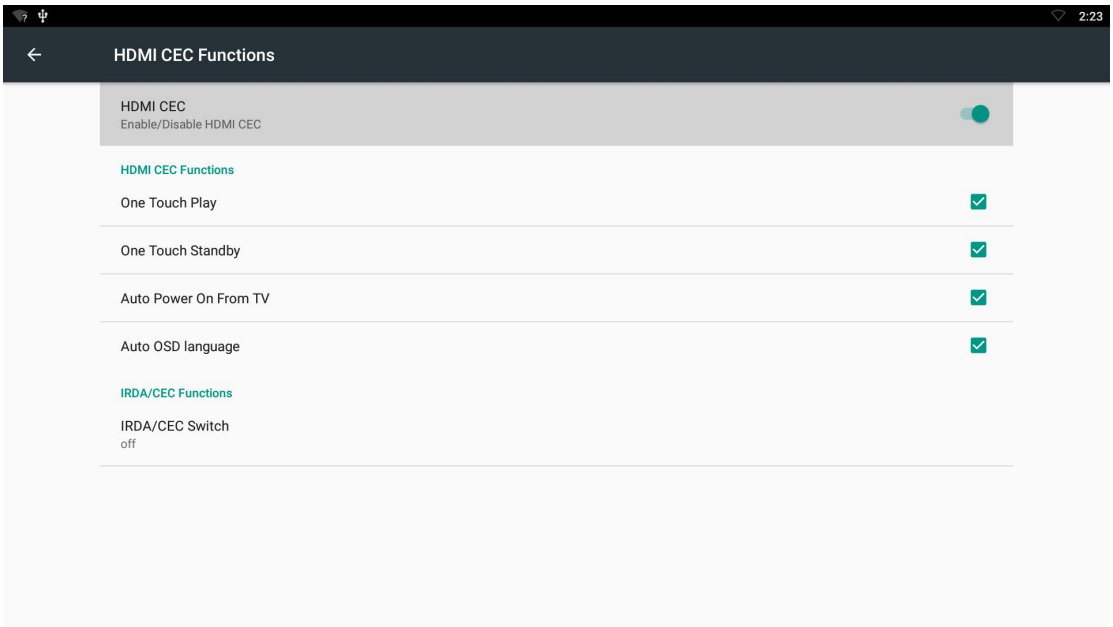
Shows the storage used of the OS and SD card.



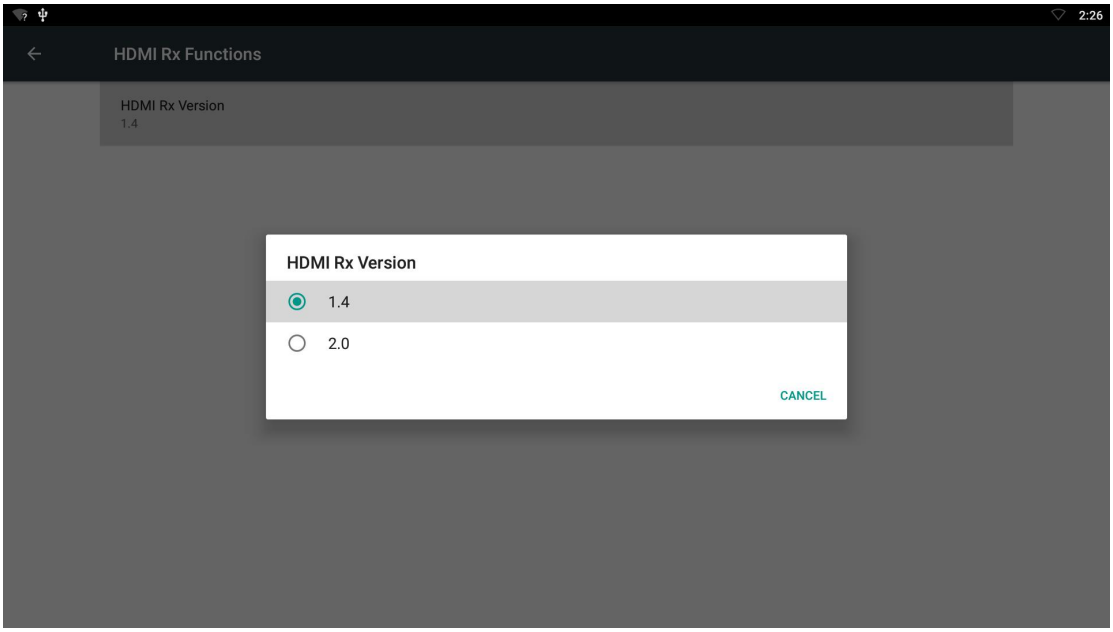
3.10 Memory



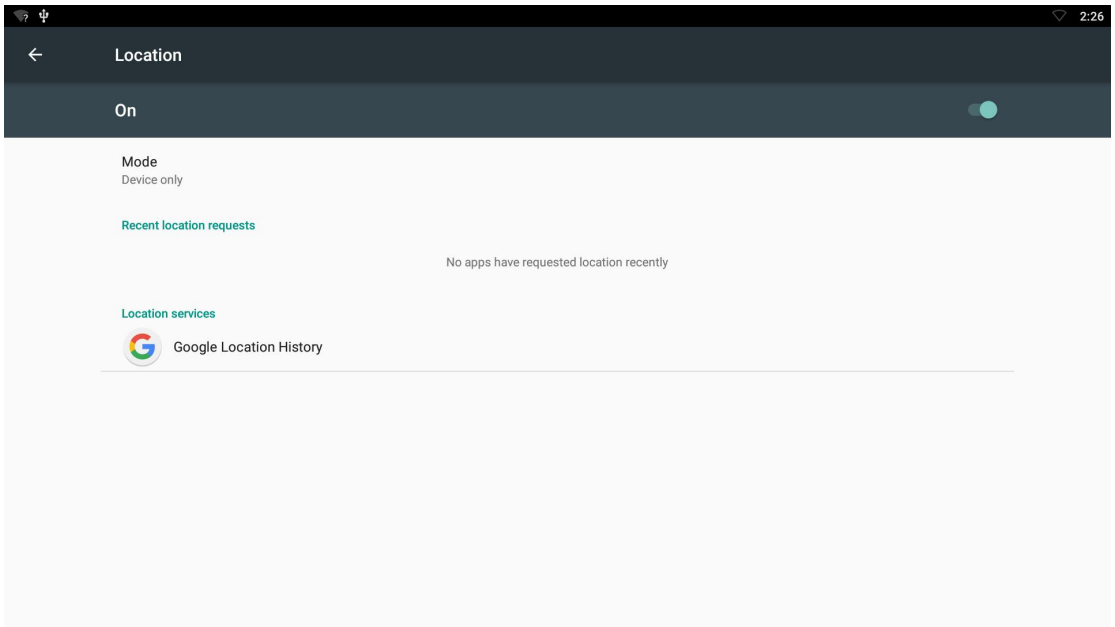
3.11 HDMI CEC Functions



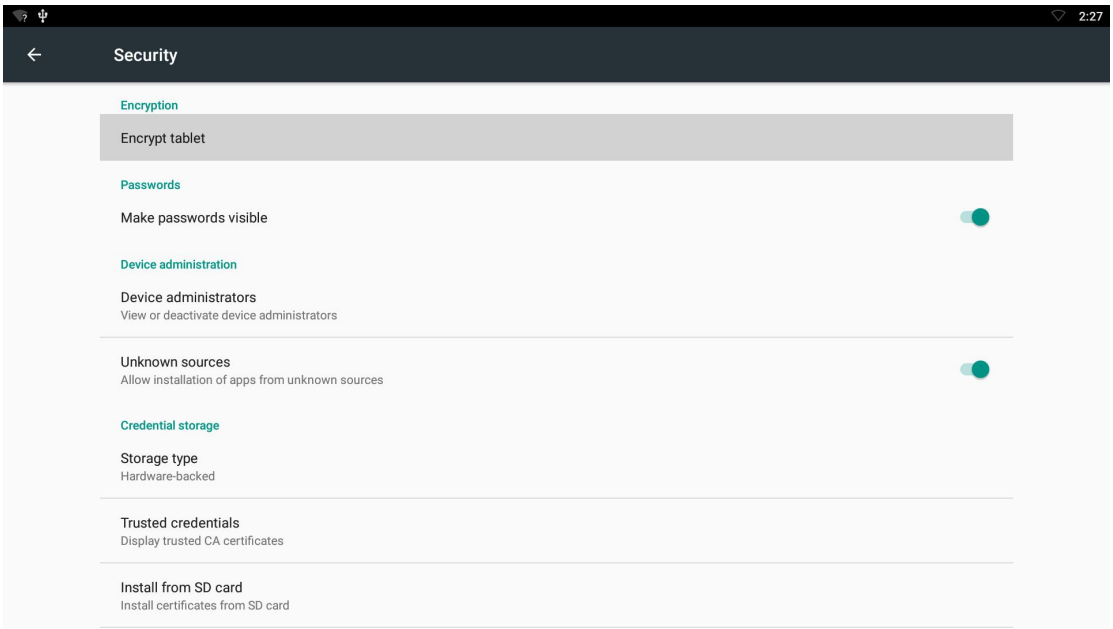
3.12 HDMI Rx Functions



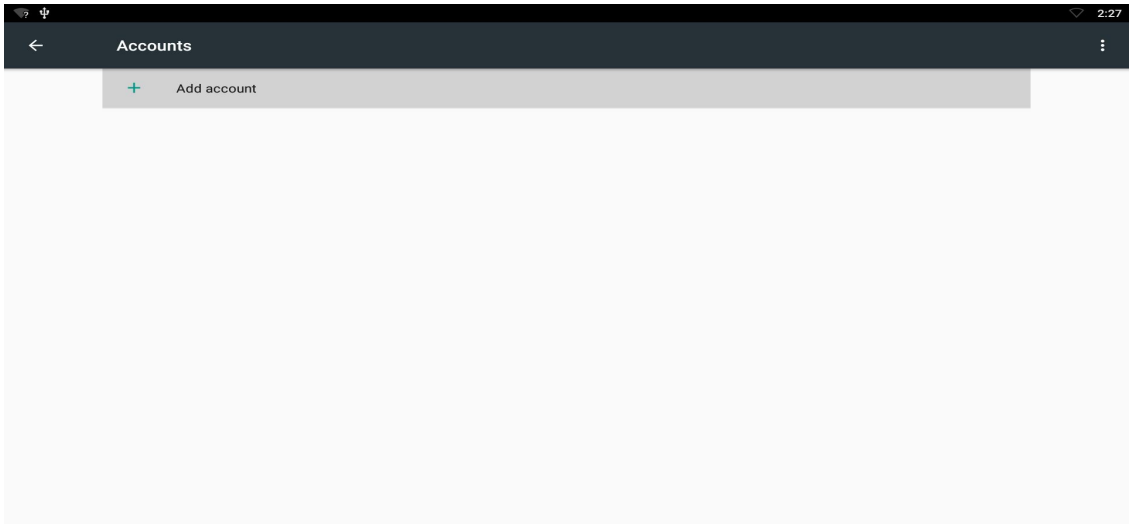
3.13 Location



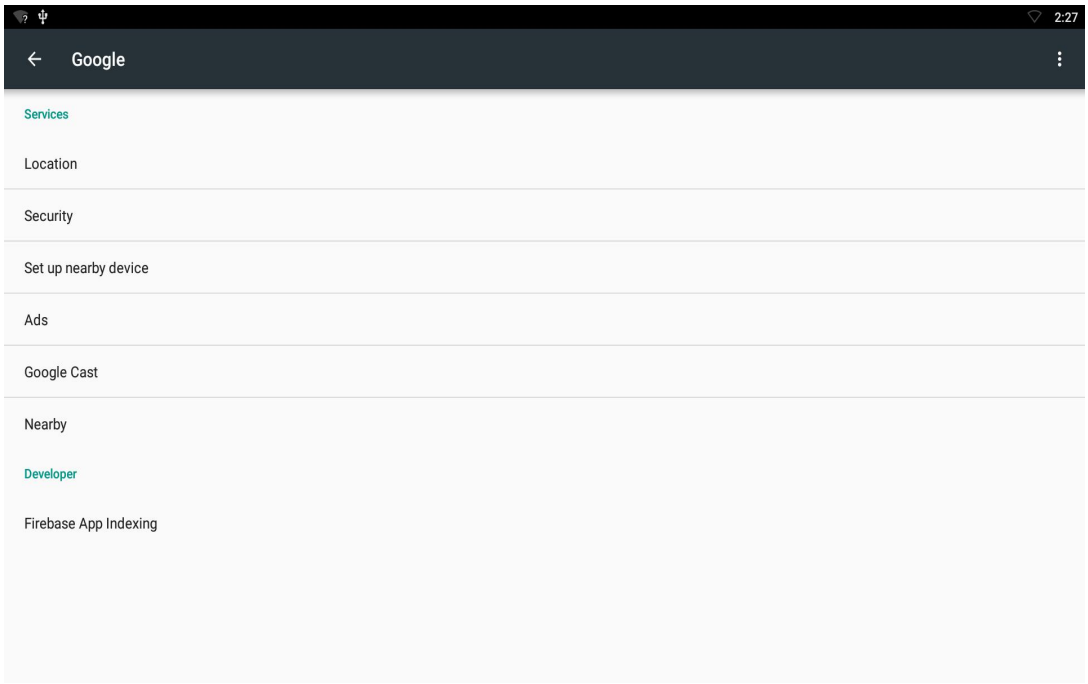
3.14 Security



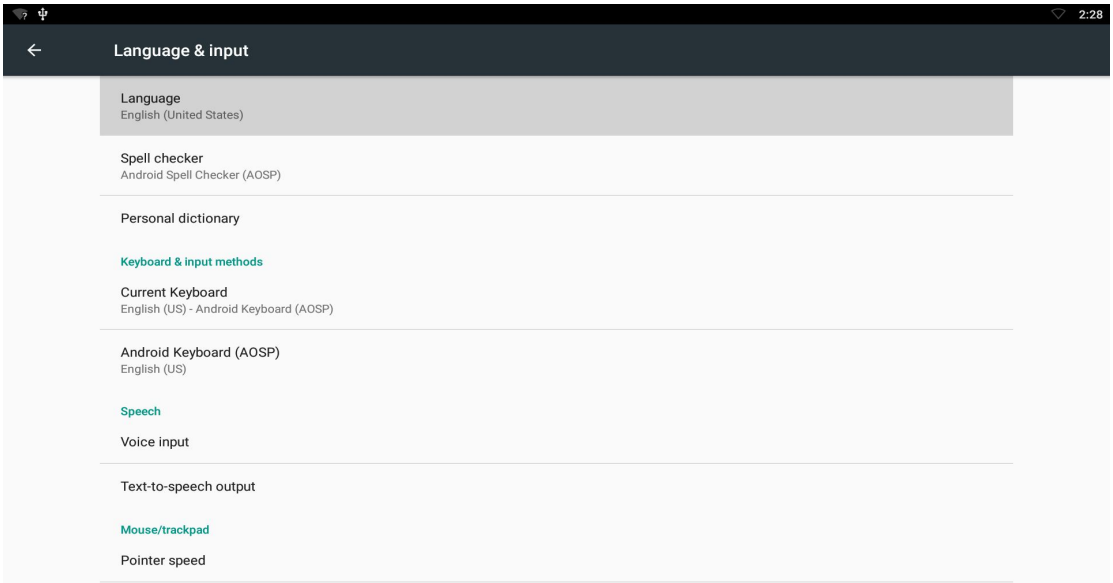
3.15 Account



3.16 Google

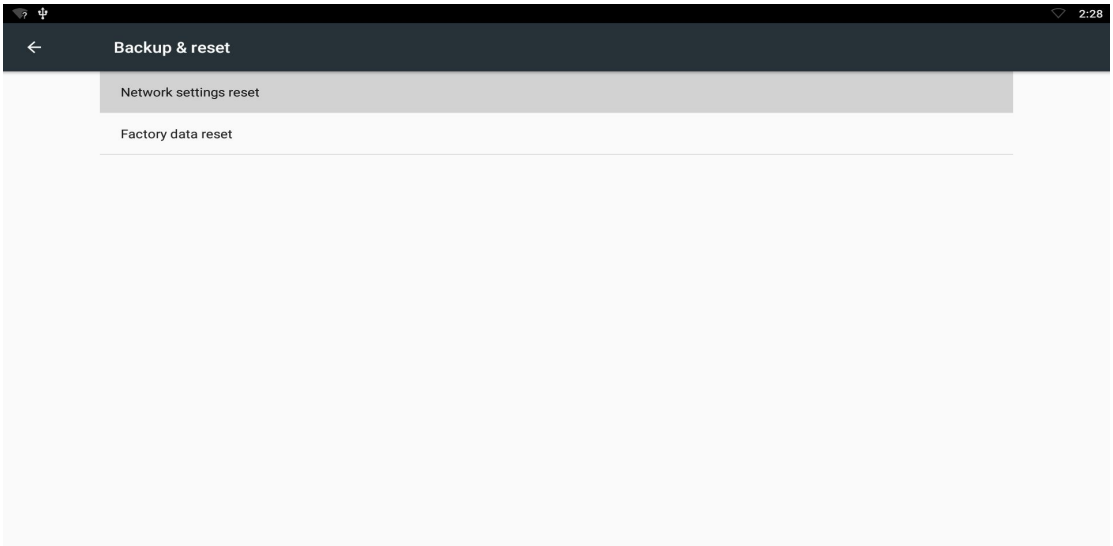


3.17 Language & input



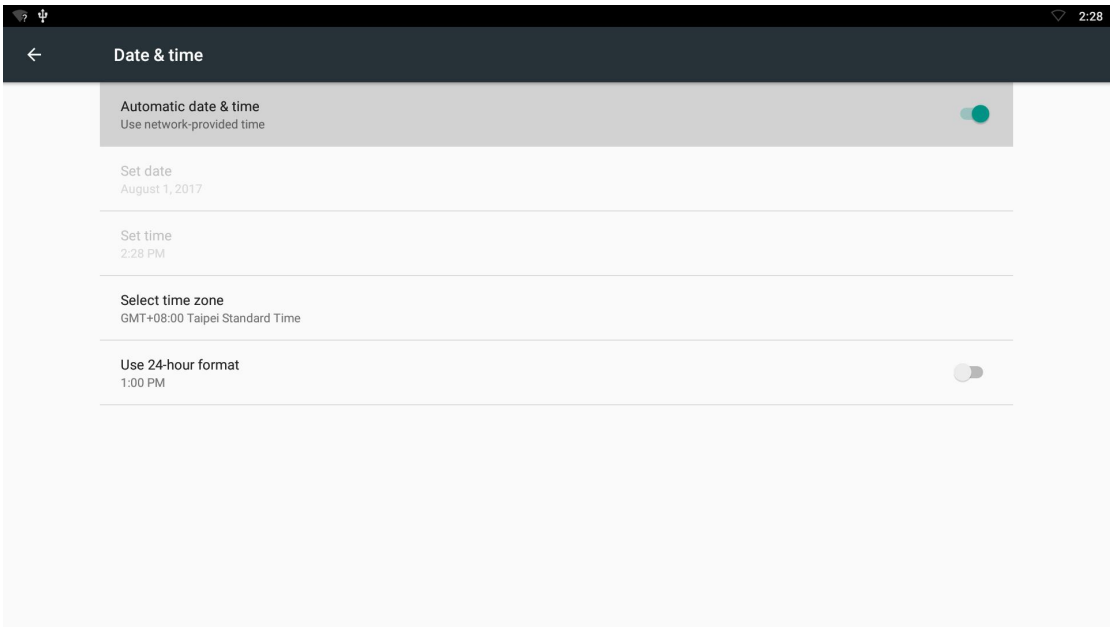
Change OSD language and input method.
The default input method is android standard keyboard.
If you are using our IR remote control, enter into “Default” option and switch to remote controller input method.

3.18 Backup & reset

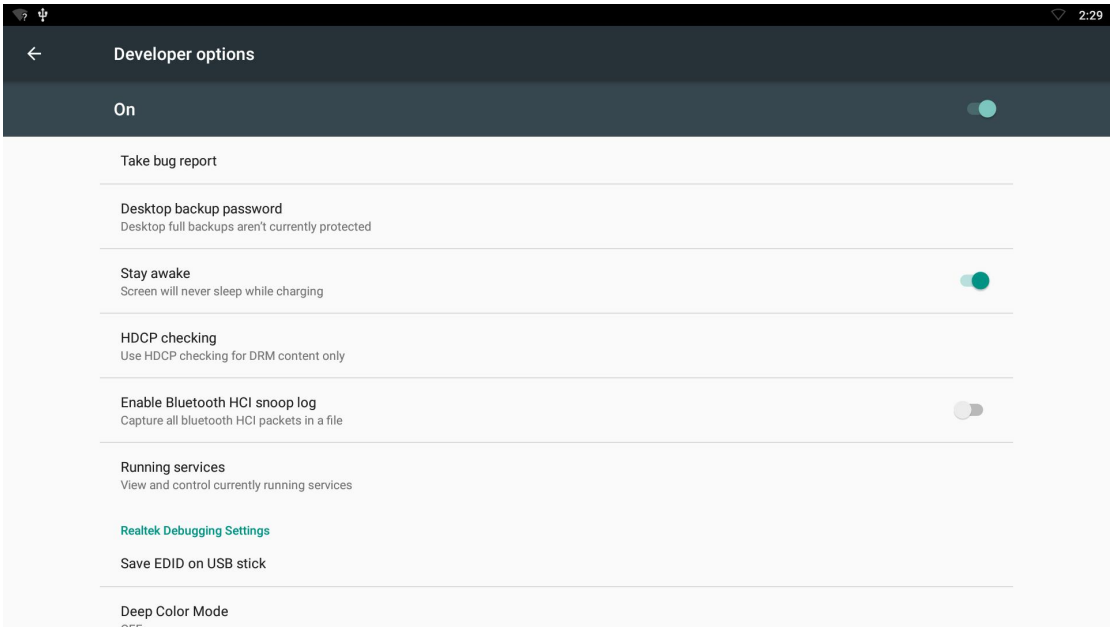


Back up my data:
You can backup your application data, WiFi password and other settings.
Factory data rest:
You can reset all the settings and apps to factory default.
Note: You might want to backup important data before resetting the dongle. Once you choose to rest to factory default, all data/apps will be deleted.

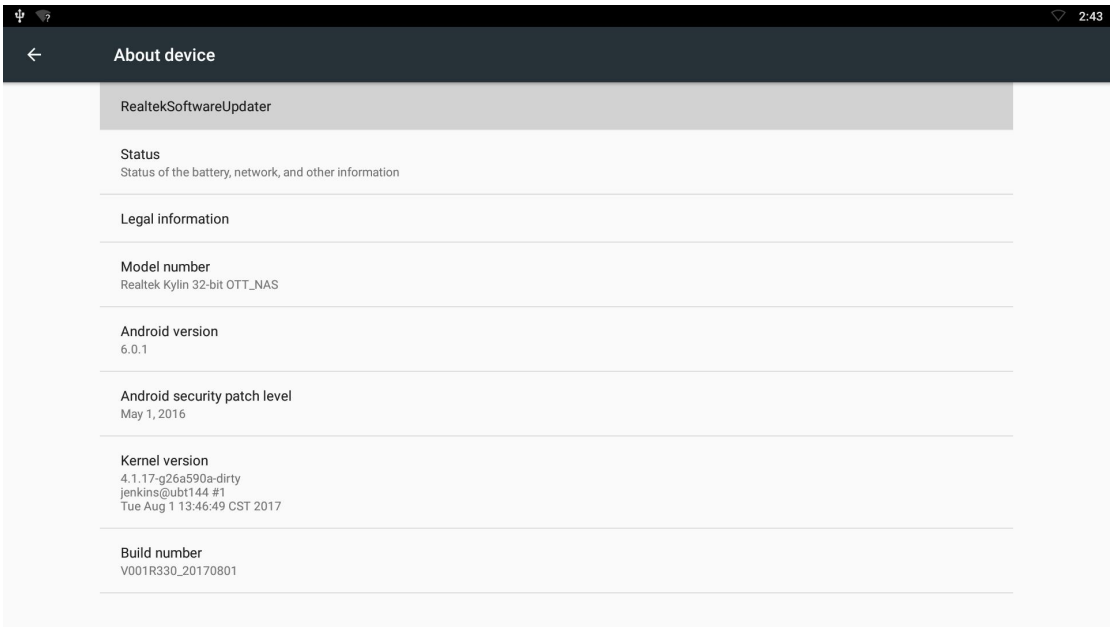
3.19 Date & time



3.20 Developer options.



3.21 About device.



4. Apps Install & Uninstall

On APC390K, you can install apps from Android Market over the Internet or other sources, such as other online sources, the internal storage and the USB storage device and SD card that you have mounted onto APC390K.
You also can manage apps on APC390K and SD card, install/uninstall apps, stop running apps, or select other options.

5. Firmware Update

You can download newest firmware from Geniatech Official website:
www.geniatech.com

6. Trouble Shooting/FAQ

6.1 No Picture

Refer to the TV user manual for how to select the correct video input channel.

6.2 USB Content cannot be read

. The format of USB storage device is not supported
. The supported memory size is 128G maximum.
. Make sure that this player supports these files.

6.3 Remote Controller cannot respond quickly to the pressing of keys

Make sure that batteries have enough power.

6.4 The firmware updating is not complete after a long time

If you update the firmware over the online service, it may take a long time to download the firmware update files from the server. To save your time, update the firmware through the SD card.

7. Repairs

If you contact us to repair your player, an administration fee may be charged if either:
An engineer is called out to your home at your request and there is no defect in the product.
You bring the unit to a repair center and there is no defect in the product.
We will provide you with the amount of the administration fee before we make a home visit or begin any work on your player.
We recommend you read this manual throughly, search for a solution on line at www.geniatech.com, or contact Geniatech Customer Care before seeking to repair your player.

8. Specification

CPU	Rockchip RK3566 Quad-core ARM Cortex-A55 CPU @1.8GHz
GPU	(I) Mali-G52 GPU, OpenGL ES 1.1/2.0/3.2, OpenCL 2.0 and Vulkan 1.1.
RAM	2G DDR4（Optional 4G/8G LPDDR4）
ROM	8G~128G EMMC (storage TF card Max 512G)
OS	Android 11.0 / Linux Debian OS
Optional	DOLBY

USB	USB2.0x1+ USB3.0 x1
HDMI	V2.0 + 1x HDMI input + 1x HDMI output
DC Input	5.0V-2A
MicroSD Slot	Max: 512G
Video Output	HDMI
Audio Output	HDMI
IR Blaster	IR Blaster x1 or RS232 (Choose one of two)

LAN	RJ45 10/100M/1000M Ethernet interface
WiFi	IEEE 802.1 b/g/n 2.4G(5.8G Optional)
BT	BT4.1（BT5.0 Optional）

Video Decoder	MPEG-1 MP up to 1920x1088@60fps
	MPEG-2 MP up to 1920x1088@60fps
	MPEG-4 SP@L0~5 up to 1920x1088@60fps
	H.263 Up to 720x576@60fps
	H.264 AVC/MVC@L5.1 up to 4096x2304@60fps
	H.265 HEVC/MVC@L5.1 up to 4096x2304@60fps
	VC1 AP@L0~3 up to 1920x1088@60fps
	VP9 Up to 4096x2304@60fps
	VP8 Up to 1920x1088@60fps
	H.264/AVC BP/MP/HP@L4.2, up to 1920x1080@100fps
Video Encoder	H.265/HEVC MP@L4.1, up to 1920x1080@100fps (4096x4096@10fps with TILE)
Picture	Jpg, png
Audio	MP3, AAC, WMA, RM, FLAC, Ogg

Size	100X106X25 mm
Net Weight	258g

9. Trademark Notice

The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in United States and other countries.

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. NOTE: 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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.