

# Hyphametrics A20DC6 coreMeter User Guide

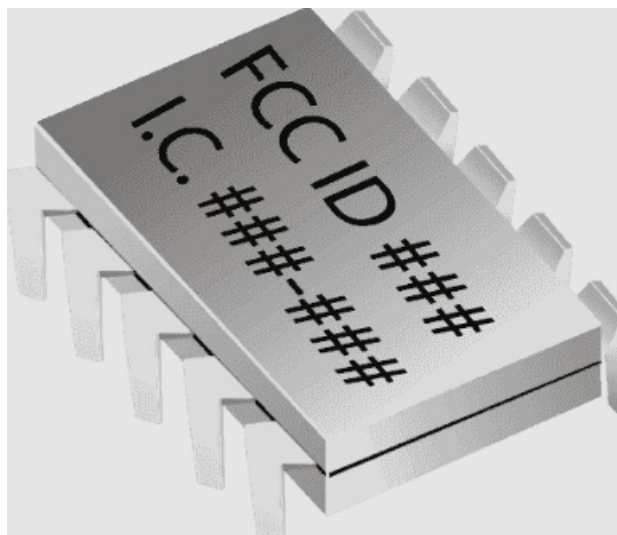
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**Hyphametrics A20DC6 coreMeter**



## 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.

### 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/ technician for help.
- This class B digital product meets all requirements of the Canadian Interference -Causing Equipment Regulations.

### 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.

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- DO NOT use this apparatus near water.
- 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.
- DO NOT install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where it exits the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- 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.
- Unplug this apparatus during lightning storms or when unused for long period of time.
- 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.

## **Handling Cautions**

- DO NOT expose this apparatus to dripping or splashing. Do not put objects filled with liquids, such as vases on the apparatus.
- 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.
- DO NOT plug multiple electric devices into the same wall socket. Overloading a socket can cause it to overheat, resulting in a fire.
- 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.

## **Introduction**

### **Package Contents**

CM03

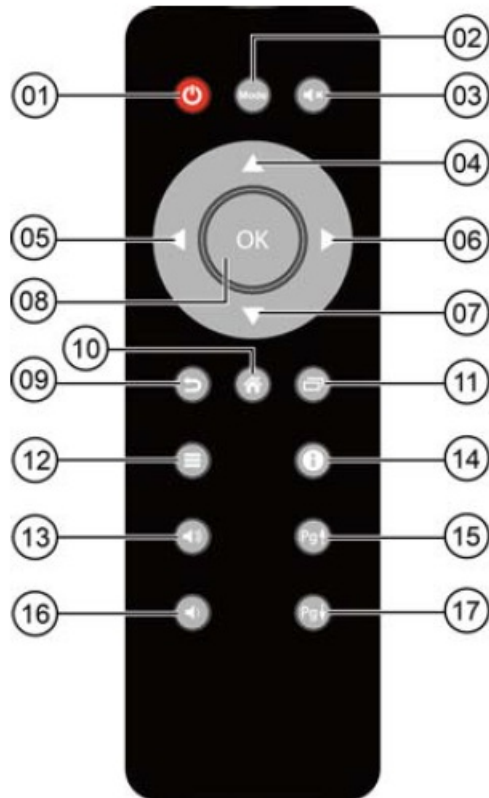
IR Remote Controller (IR RC)

Power Adapter, Input: AC100 ~ 240V, 50/60Hz, Output: 5V, 2A

### **Product Features**

- Quad Core CPU, Penta GPU, frequency is 2.0GHz, RAM is 2G, built in 8G EMMC. Powered by Android 7.1 OS
- Built in browser and support virtual private network access
- RJ45 10/100M Ethernet interface
- Support 4k2k video local media playback from SD card or USB HDD
- Built in 802.11b/g/n AC WIFI module with antenna inside, WiFi frequency range is 2.4G/5.8G
- RJ45: Wired internet connection
- HDMI video output, connect to HD for HD video playback
- 2 external USB interface, support mobile HDD, support mouse and keyboard operating
- Support weather, calendar, and desktop clock gadgets
- Support USB mouse and keyboard operation
- Support simple IR remote control with mouse function
- Support music player, picture player and more family entertainment
- Support Micro SD card
- Support Google Chrome browser
- App Installer for application installation from USB/SD card

### **Remote Controller**



1. Power
2. Mode
3. Mute
4. Upwards
5. Towards the left
6. Towards the right
7. Downwards
8. OK
9. Return
10. Home
11. Background App
12. Menu
13. Vol+
14. Notification
15. Page Up
16. Vol-
17. Page Down

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

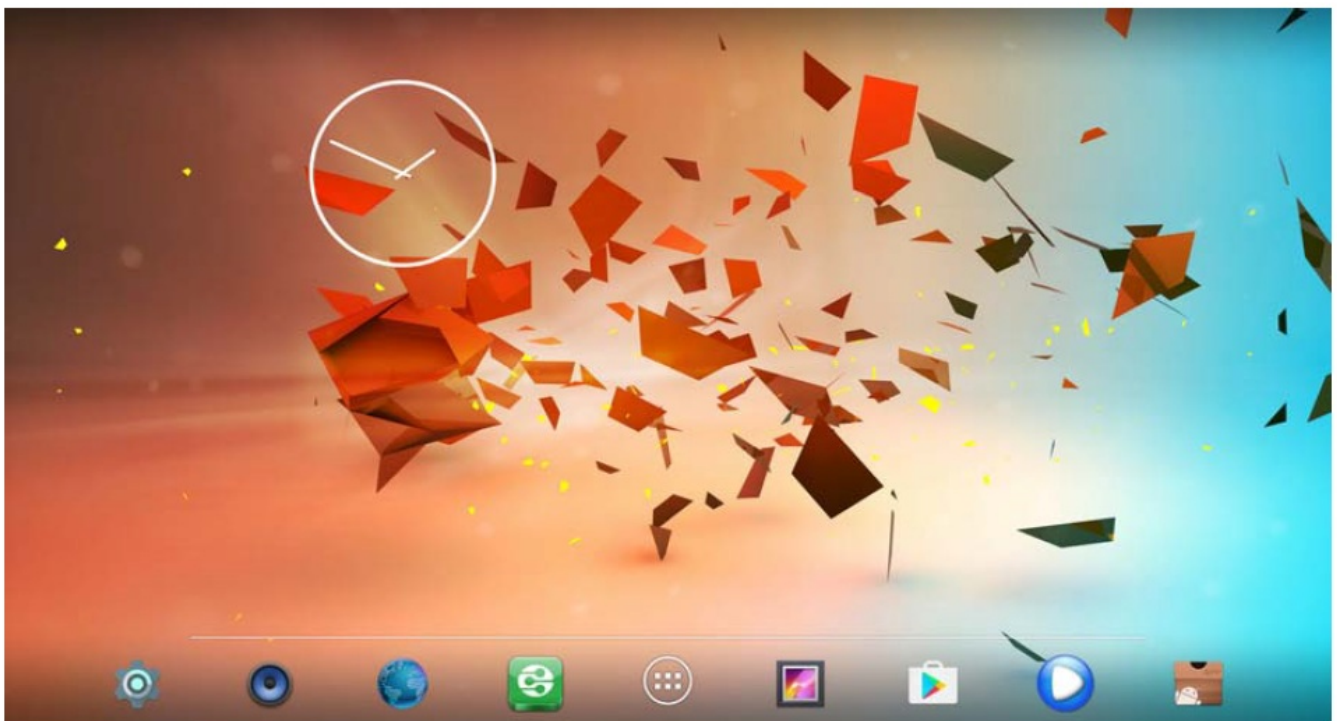
### Setup Connection

Place CM03 on a flat platform near the , and make sure nothing block the remote control signal.

### Display when Power Up

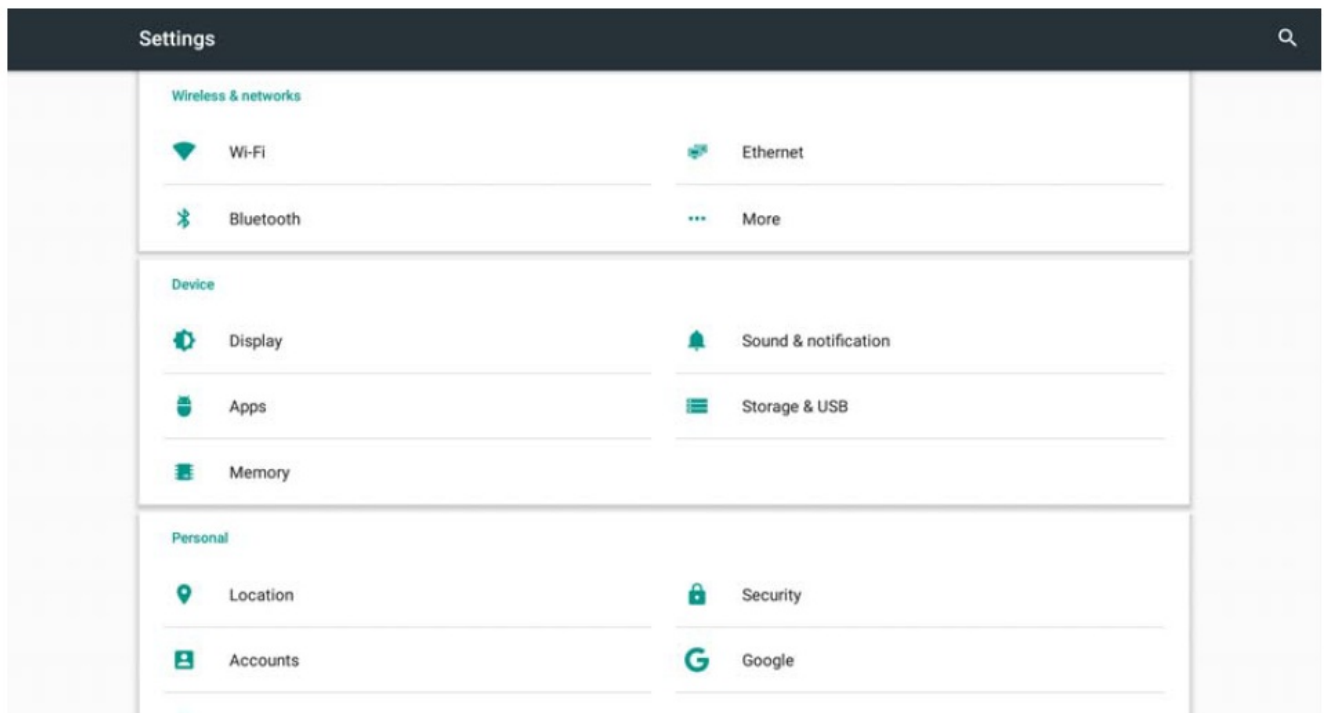


After power up, the will first show Geniatech logo,starting with boot animation. When finished, it will go to Home screen.

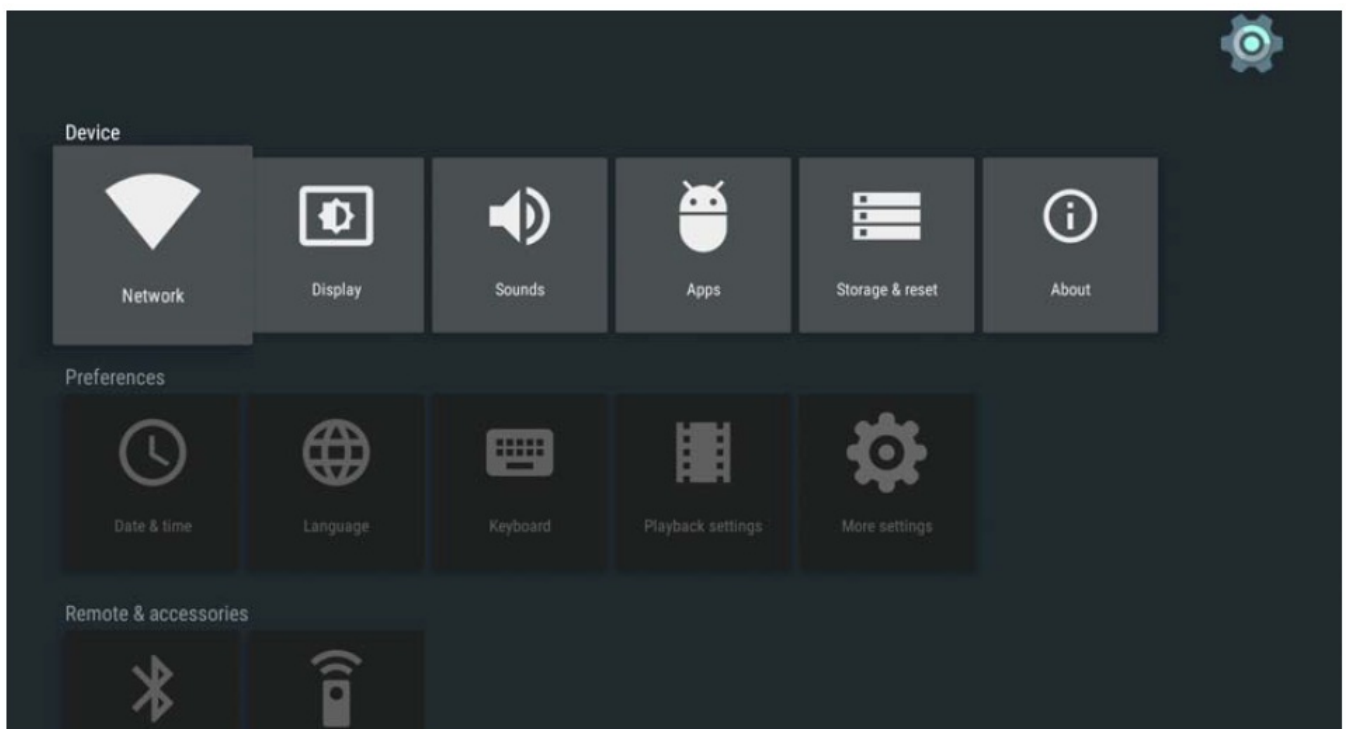


## Settings

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.



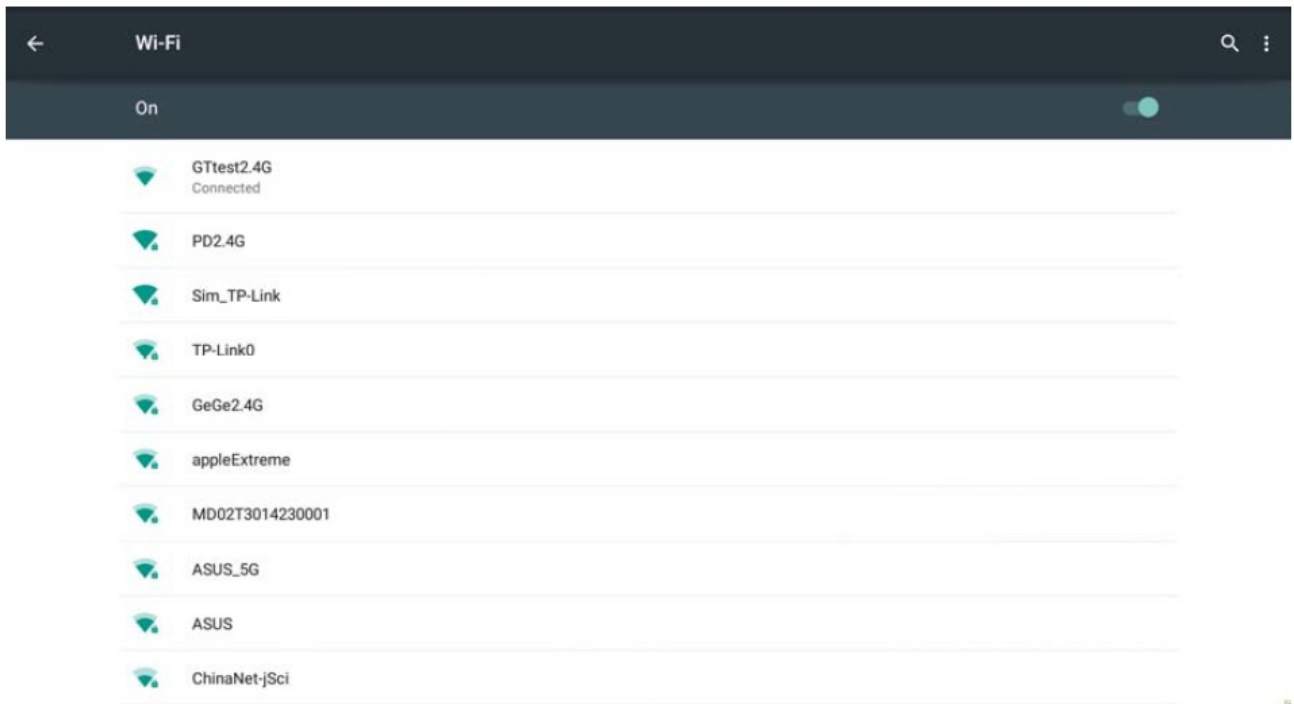
Or Select icon to settings interface.



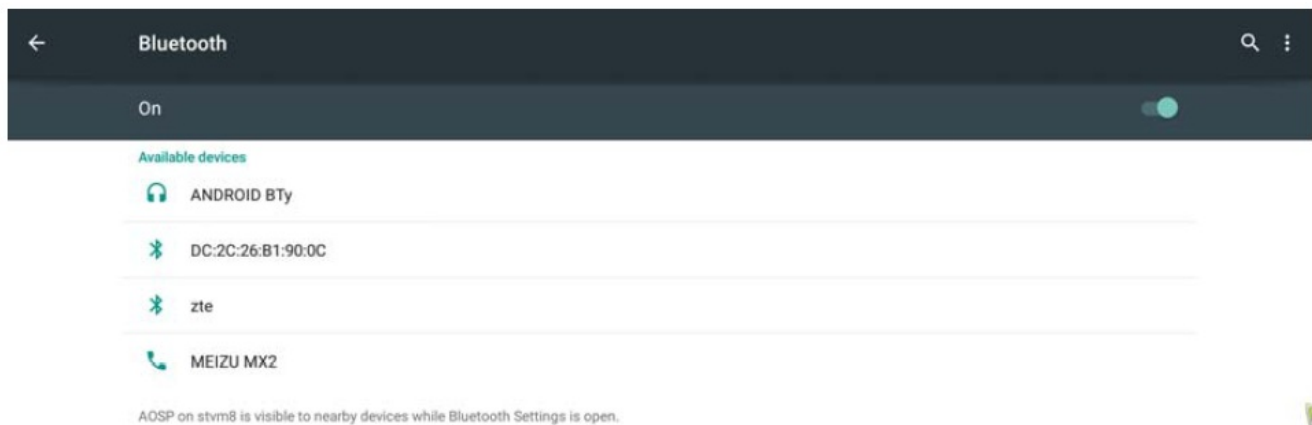
## WiFi

- It will automatically scan ambient WiFi networks when select “ON”.
- 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.
- Once build up the connection with a certain WiFi network successfully, CM03 will connect this WiFi network automatically when restart.

**Note:** If factory reset, the password of WiFi network have to be reset.

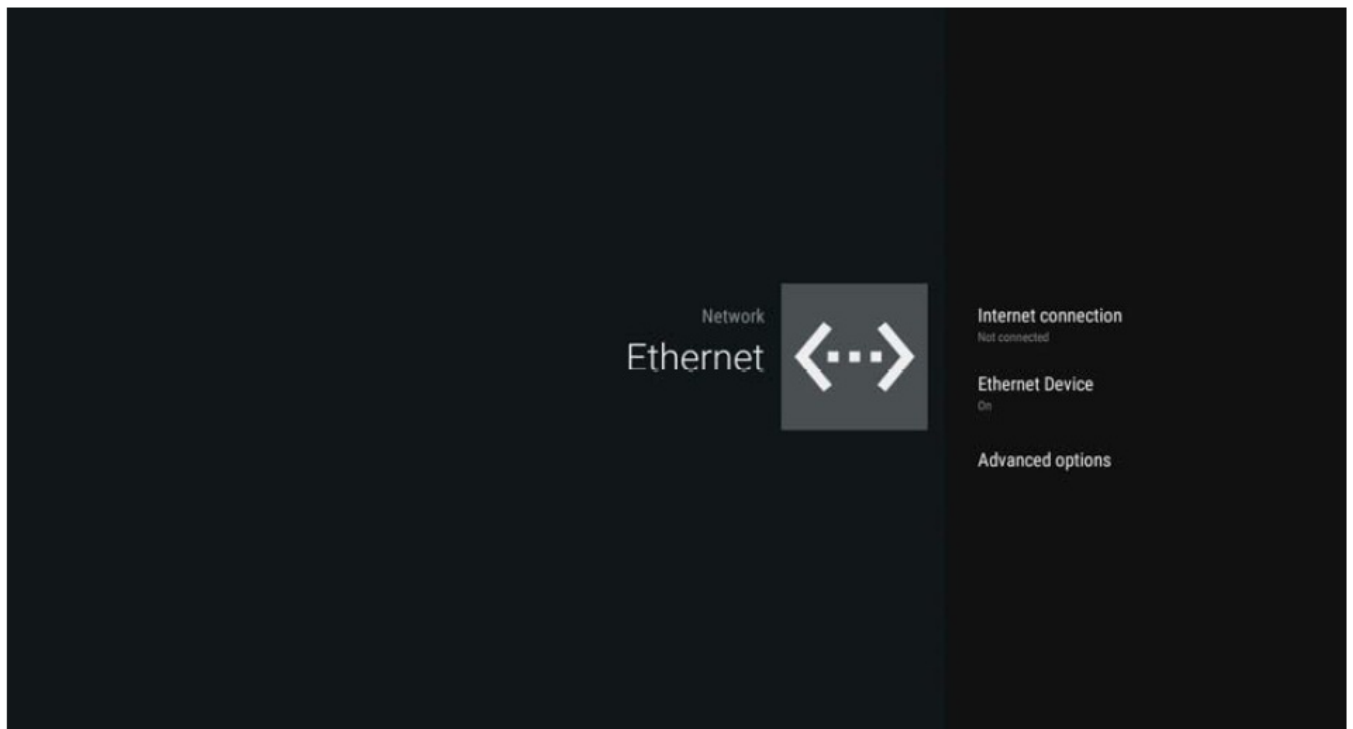


## Bluetooth

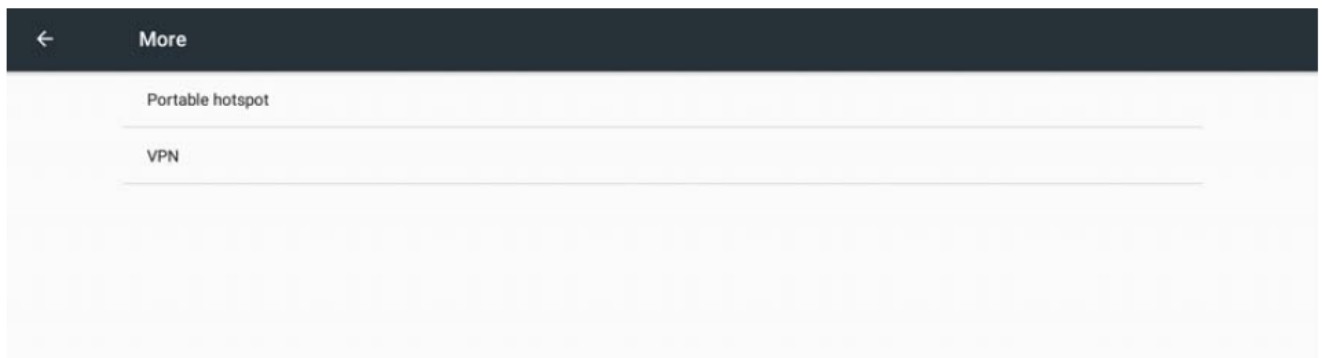


## Ethernet

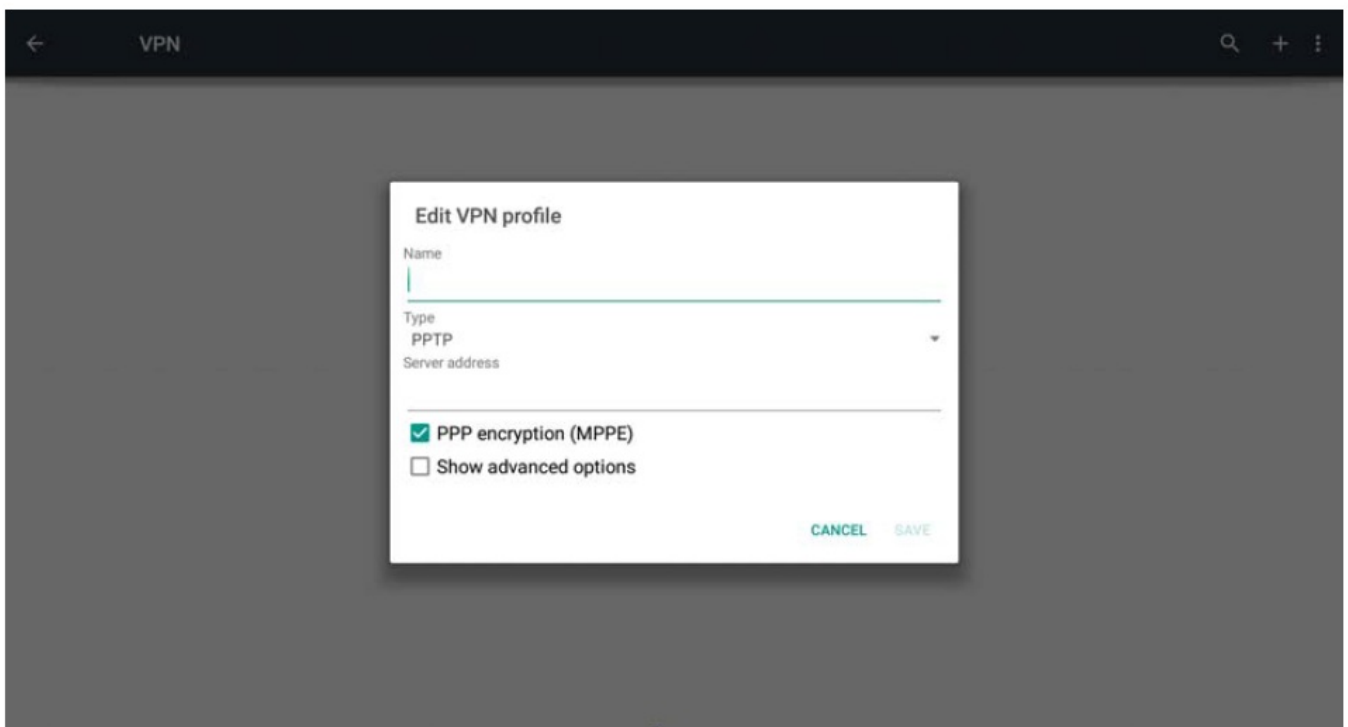
Connect Box and Router by RJ45 network cable.  
Press “ ON” in Ethernet setting, it will connect to network automatically.



More...



VPN Edit VPN profile





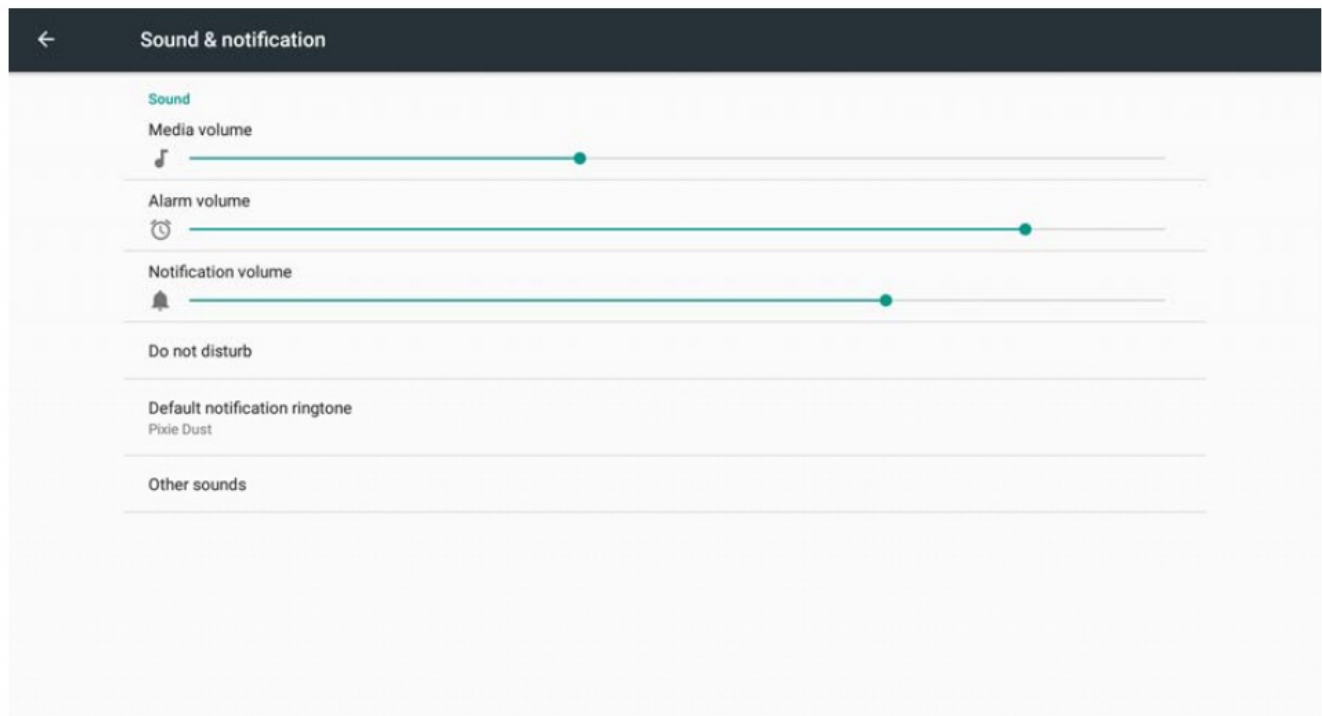
- Portable hot spot
- Enable Portable hot spot
- Set up WiFi hot spot

WiFi and hot spot connection can not be applied at same time. Disconnect WiFi and connect Ethernet while using hot spot function.

## Sound and notification

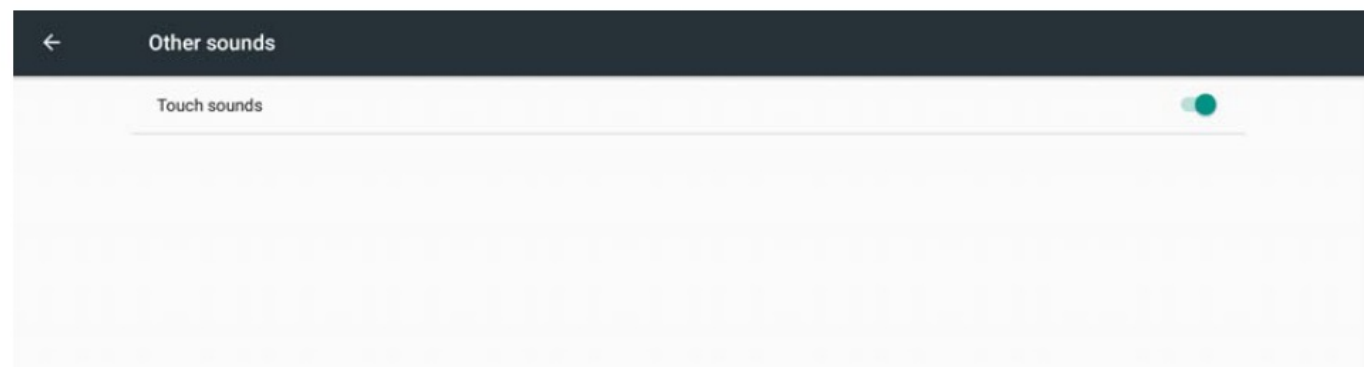
### Sound

Increase or decrease sound volumes



### Touch Sounds

Choose Other sounds, you can set touch sound , if enable Touch sound, sound will be heard while move remote controller.

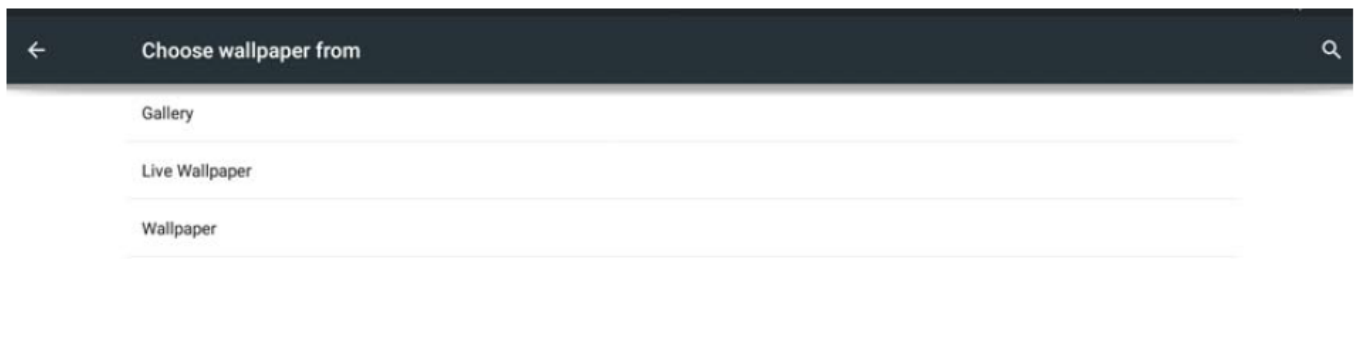


## Display

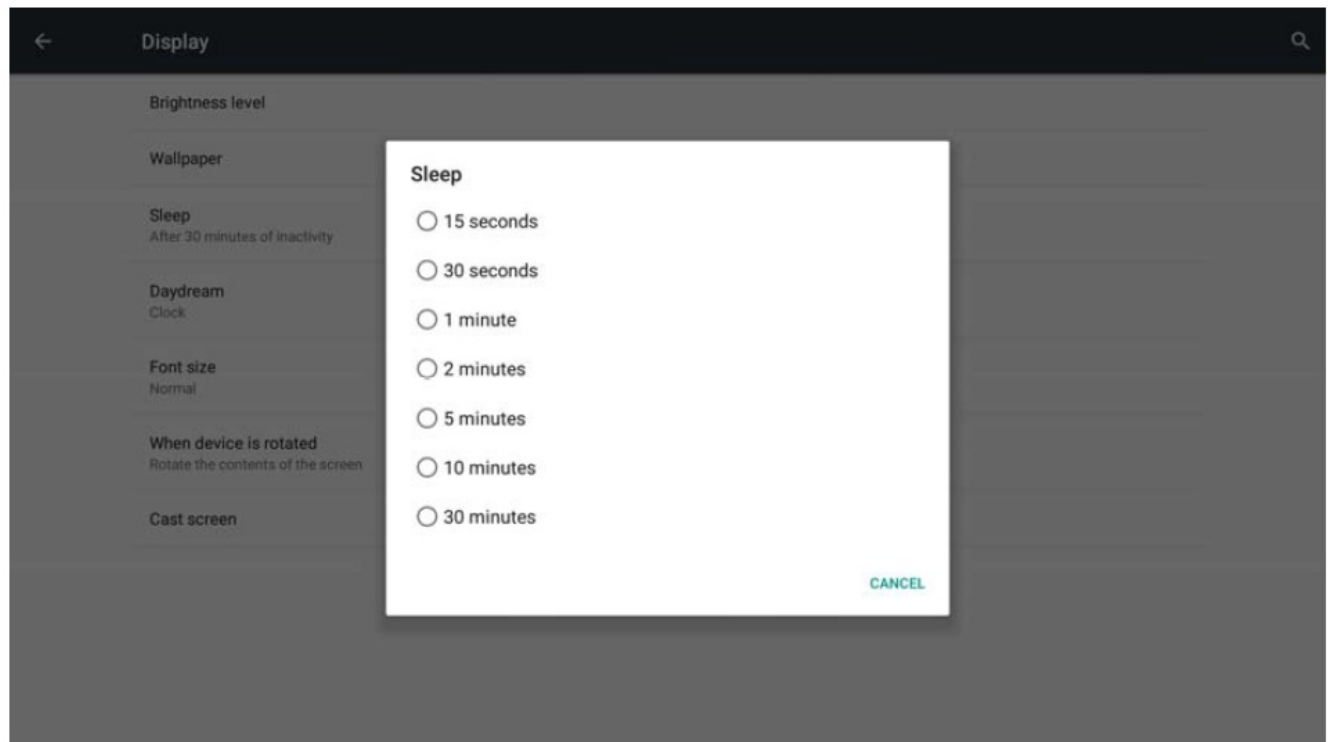


## Wallpaper

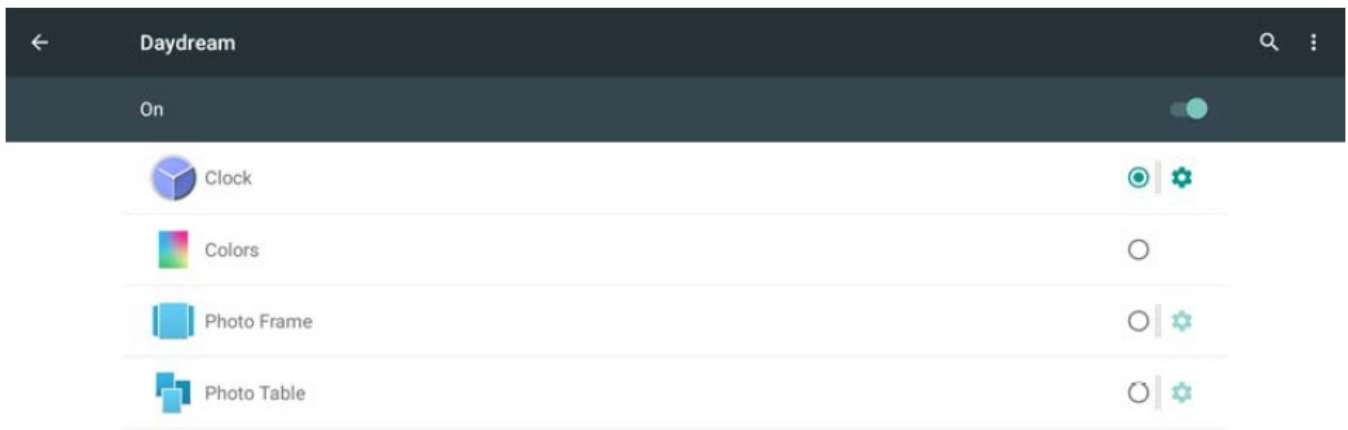
You can choose different wallpaper from gallery, live wallpaper and wallpaper.



## Sleep

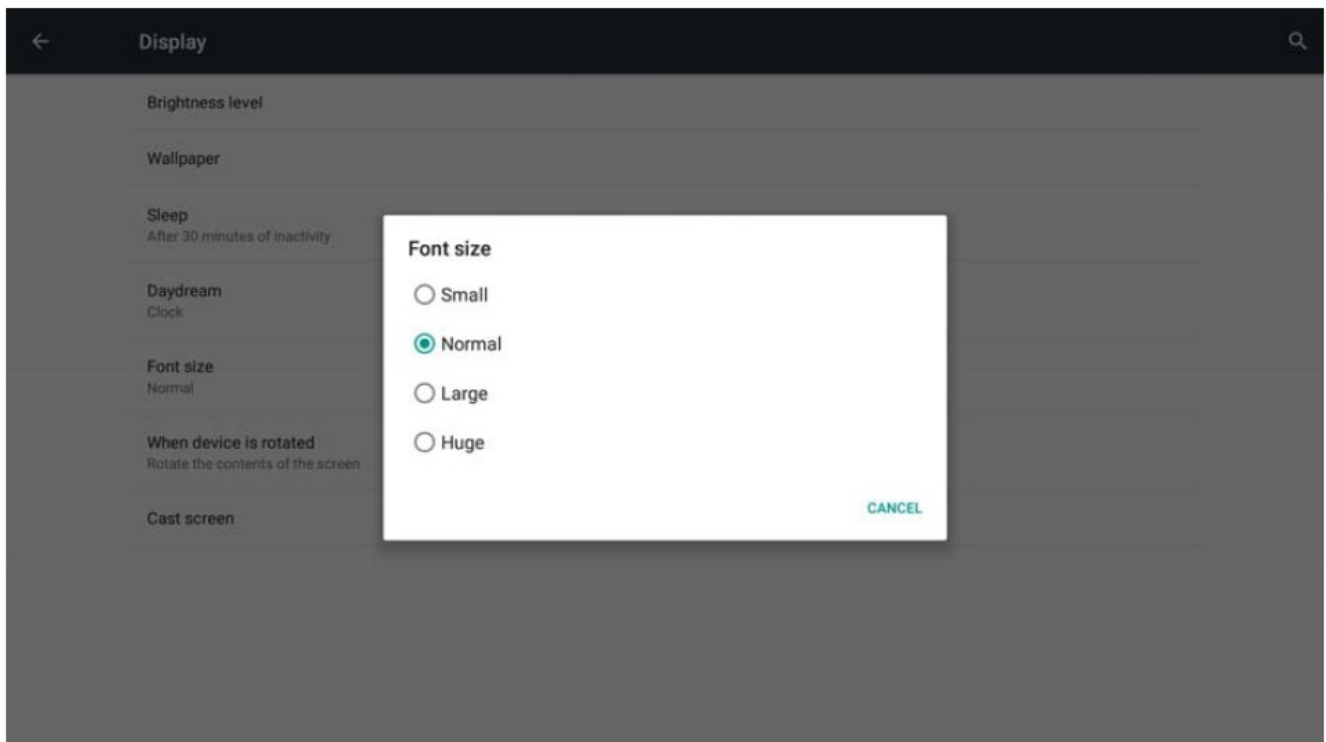


## Daydream



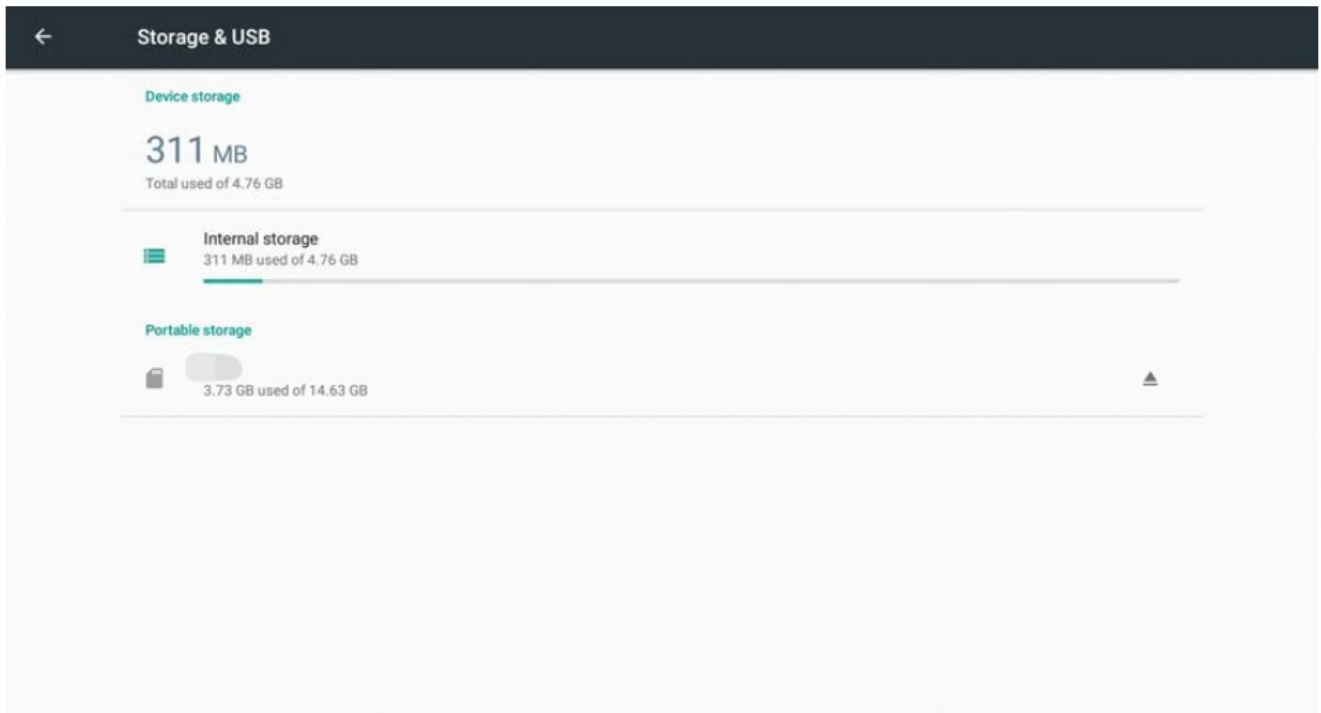
## Font size

Change the font size of OSD



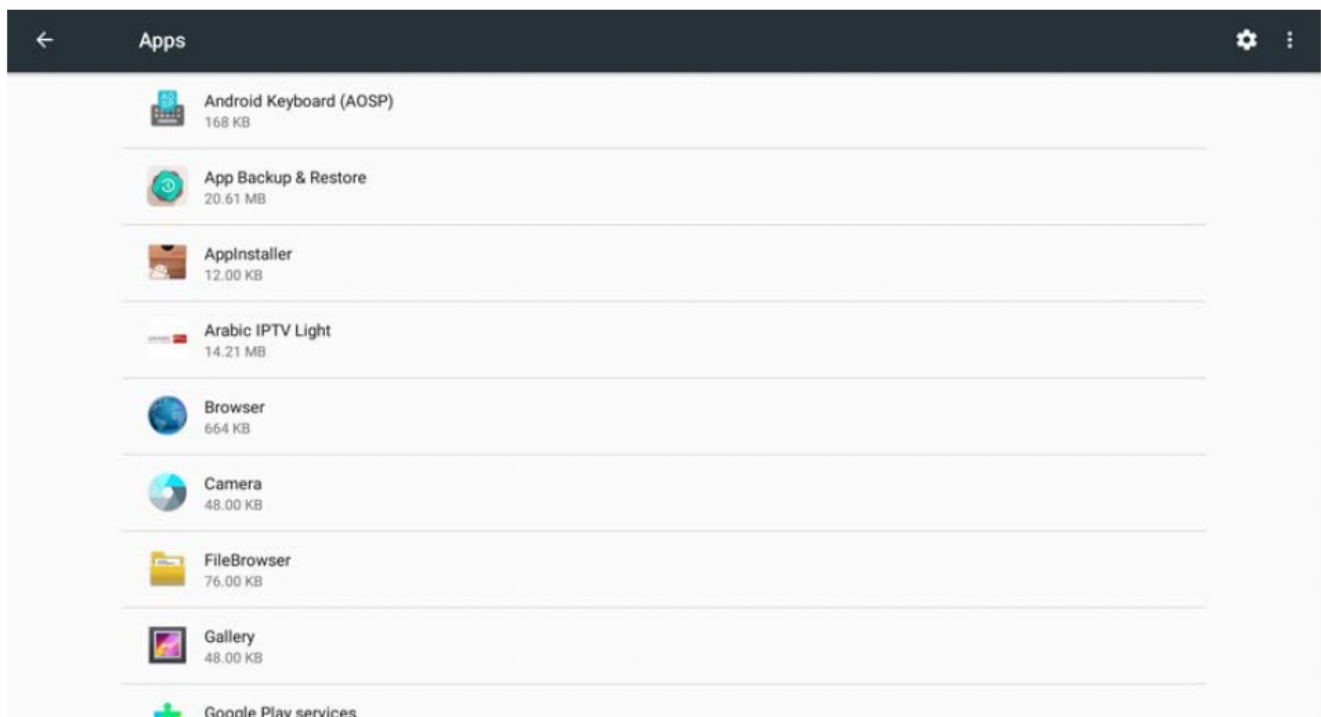
## Storage&USB

Shows the storage used of the OS and SD card.



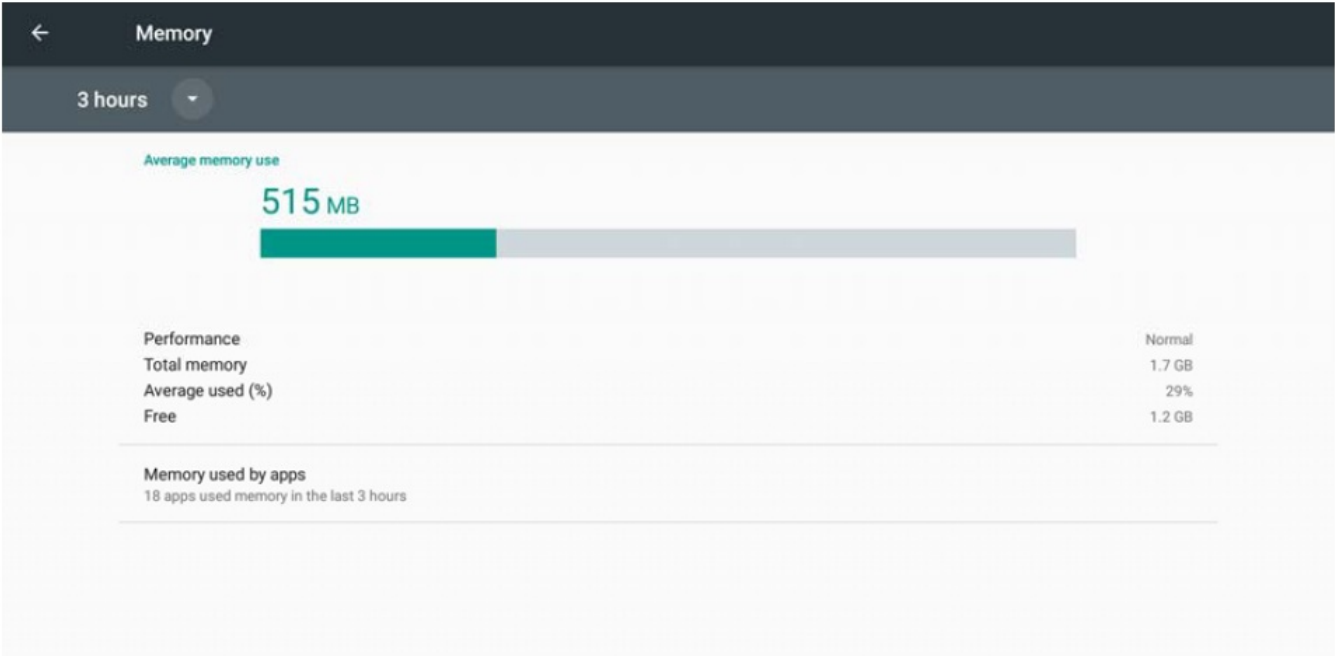
## Apps

List all apps installed.

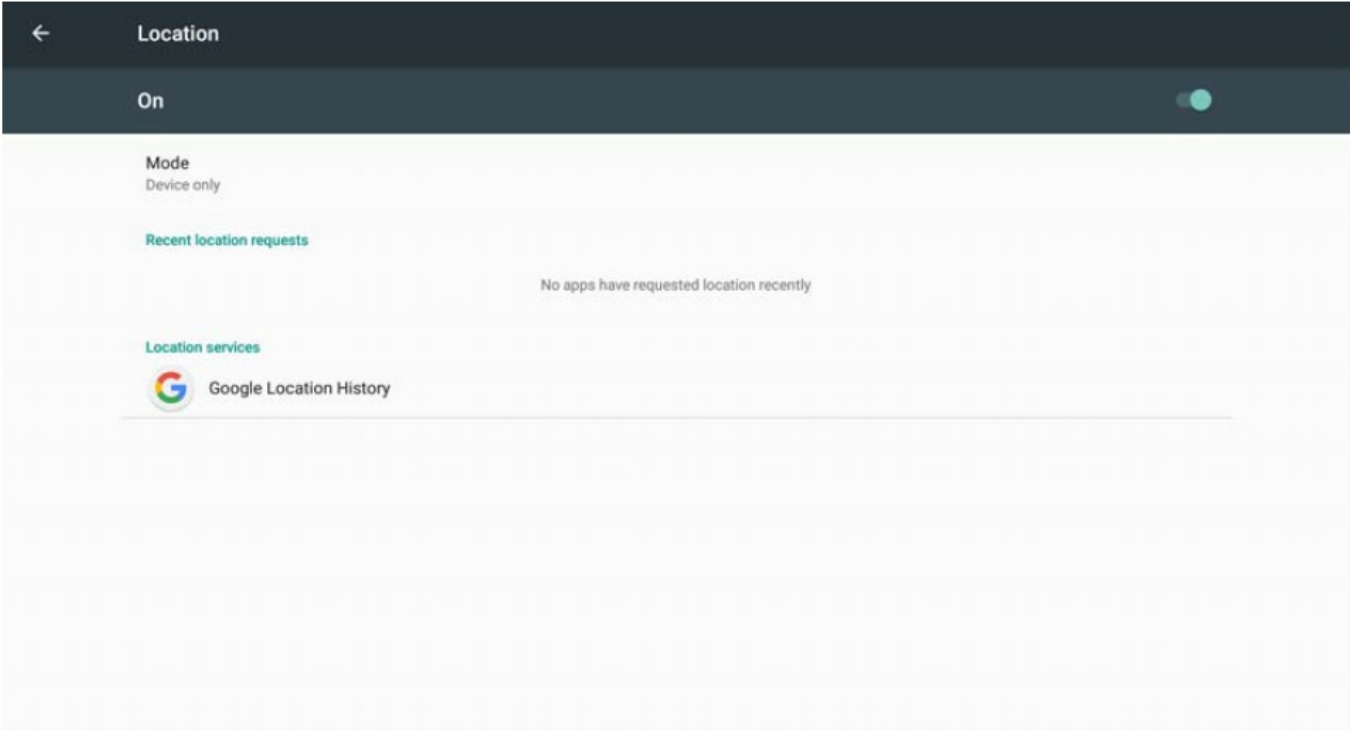


You can choose an application and force to shut down the app, uninstall the app, clear user data, move to SD card and clear cache data.

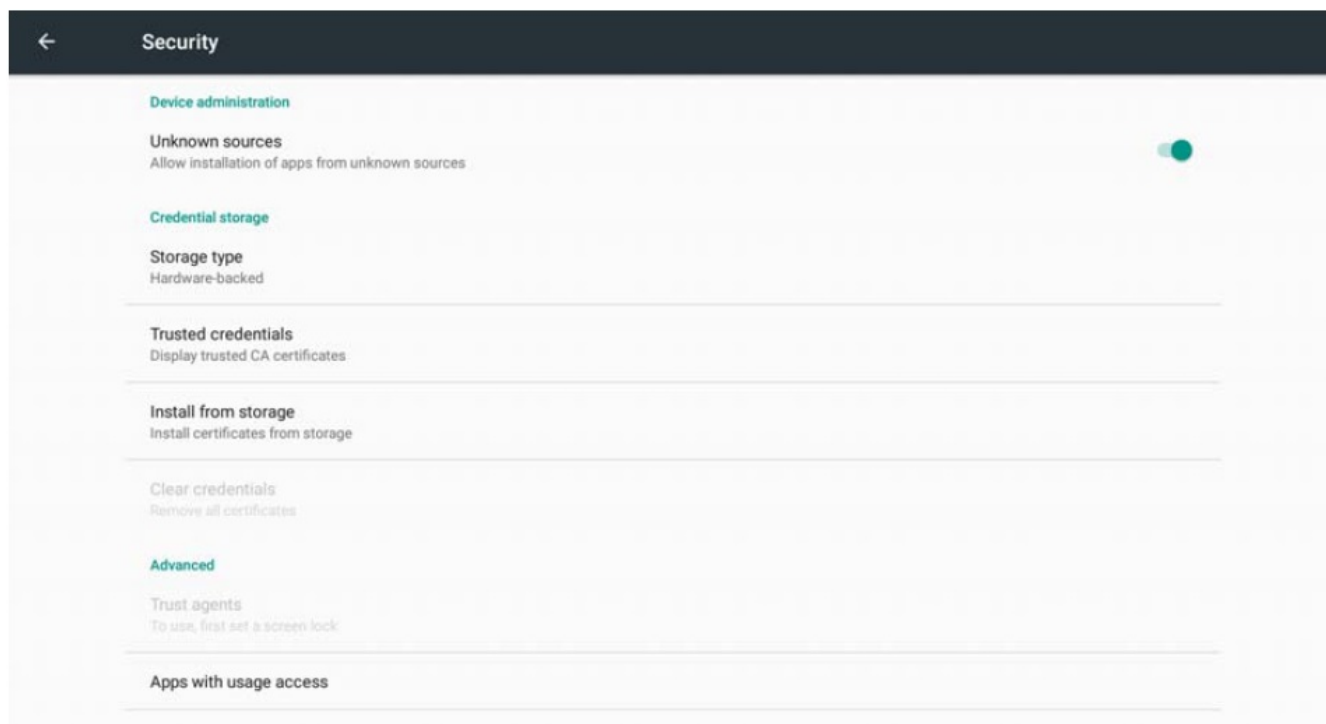
## Memory



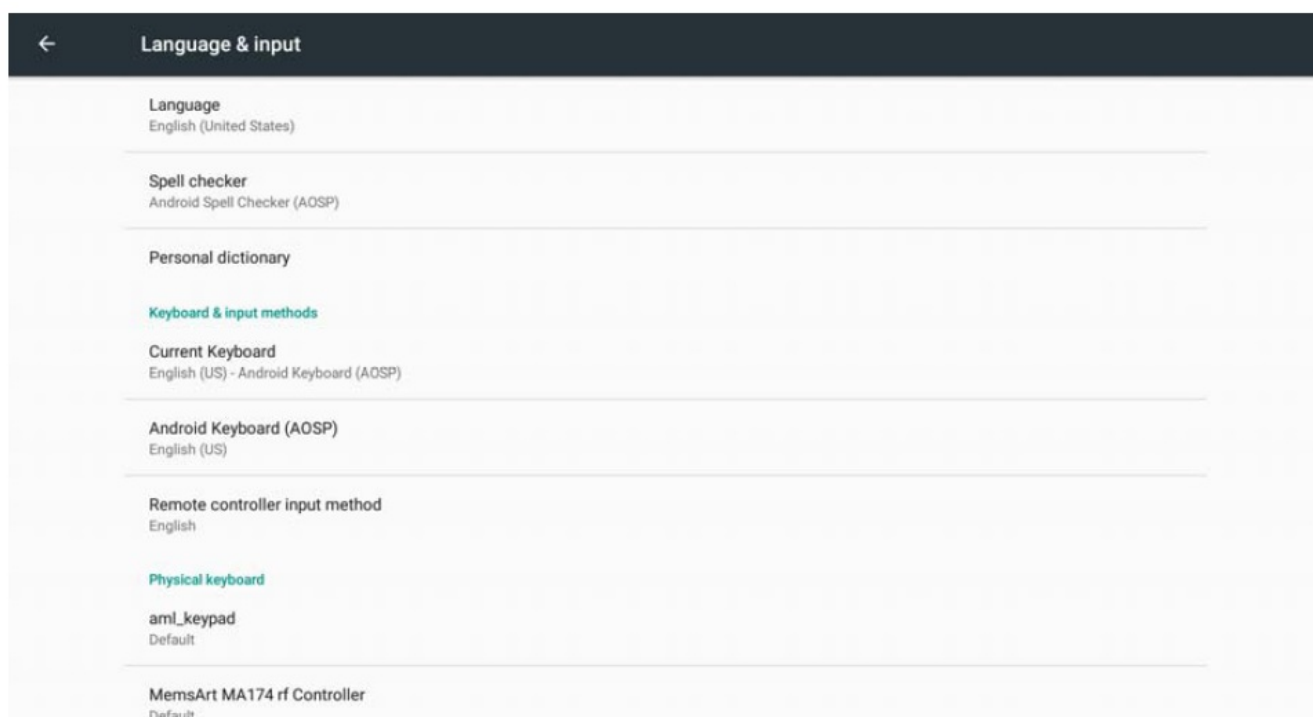
Location



Security



## Language & input

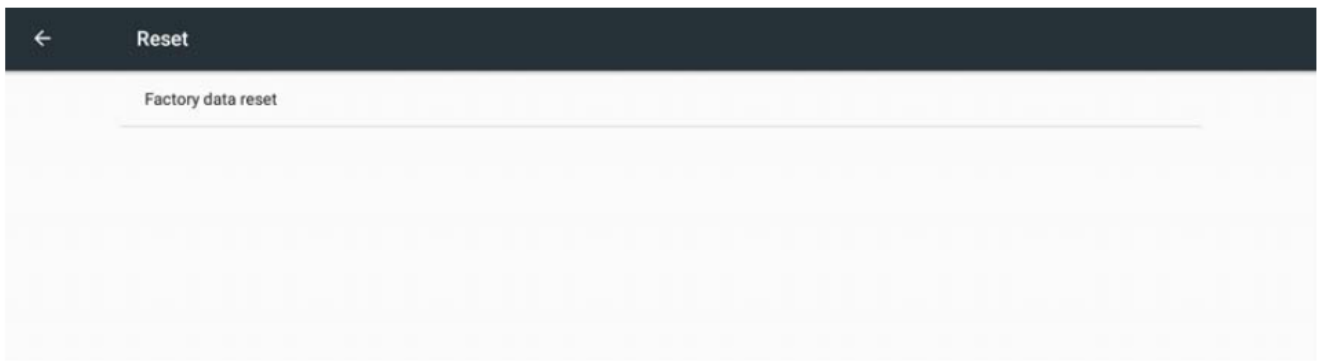


Change OSD language and input method.

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.

## Reset



### **Factory data reset**

This will erase all data from your mbox's internal storage,including:

- Your Google account
- System and app data and settings
- Downloaded apps
- Music\Photos
- Other user data

You can reset all the settings and apps to factory default.

**Note:** Once you choose to reset to factory default, all data/apps will be deleted.


### **Accounts**


Add account

Add an account

- Corporate
- Google
- IMAP

Google

Google



Services

Nearby

Nearby discoveries

Location

Ads

Security

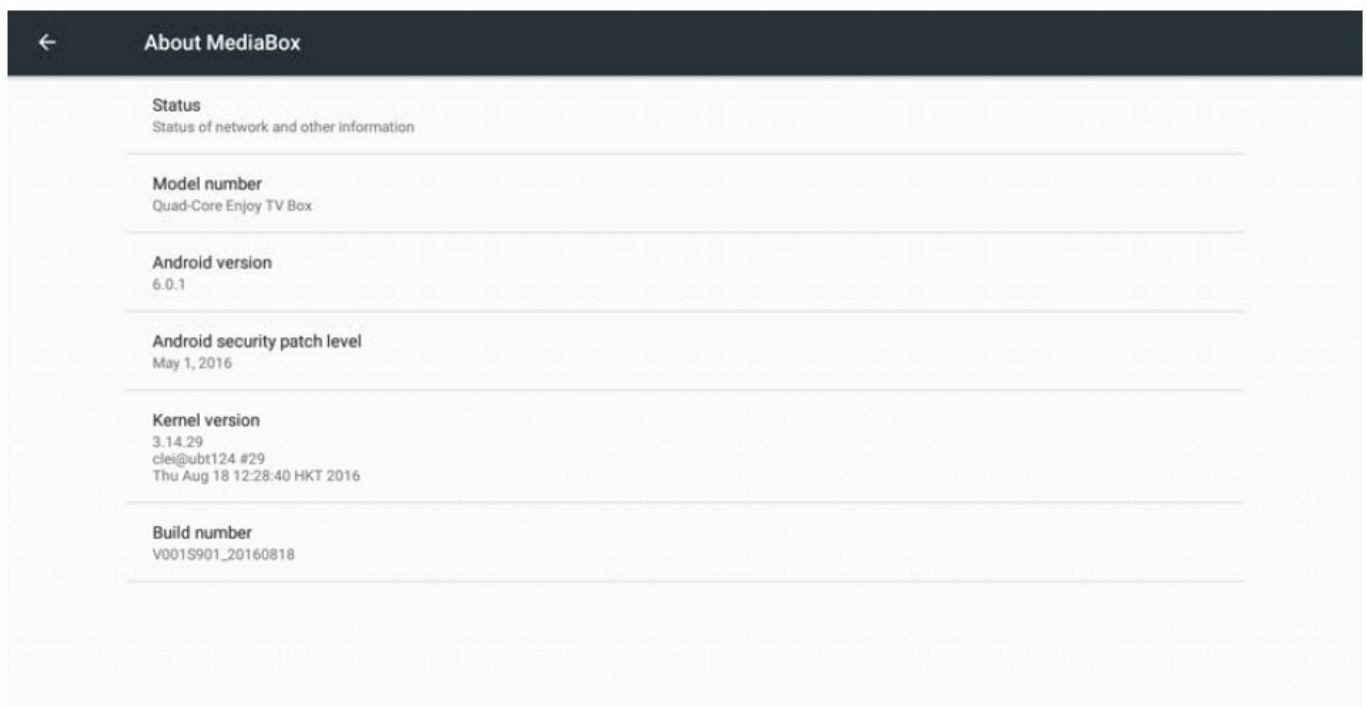
Set up nearby device



## Date time



## About MediaBox



## Apps Install & Uninstall

On CM03, 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 CM03. You also can manage apps on CM03 and SD card, install/uninstall apps, stop running apps, or select other options.

## Firmware Update

You can download newest firmware from Geniatech Official website: [www.geniatech.com](http://www.geniatech.com)

## Trouble Shooting/FAQ

### No Picture

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

### **USB Content cannot be read**

- The format of USB storage device is not supported .
- The supported memory size is 32G maximum.
- Make sure that this player supports these files.

### **Remote Controller cannot respond quickly to the pressing of keys**

Make sure that batteries have enough power.

### **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.

### **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 thoroughly, search for a solution on line at [www.geniatech.com](http://www.geniatech.com), or contact Geniatech Customer Care before seeking to repair your player.

### **Specification**

CPU	Quad Core ARM Cortex-A53 CPU up to @ 2.0GHz GPU	Mali 450 GPU @ 750MHz+(DVFS)
RAM	2G DDR3(1G optional)	
ROM	8G EMMC	
OS	Android 6.0 OS	
Optional	DOLBY	
USB	USB2.0 x2	
HDMI	V2.0	
DC Input	5.0V-2A	

SD Slot            Max: 32G Video Output       HDMI/CVBS Audio Output       HDMI/RCA IR receiver       /

LAN            RJ45 10/100M    Ethernet interface

WiFi            IEEE 802.11 B/G/N AC 2.4G 5.8G Optional    BT       Optional

Audio Decoder    Low power Media CPU with DSP audio processing

Supports MP3,AAC,WMA,RM,FLAC,Ogg and programmable with 7.1/ 5.1 down-mixing

Video/Picture Decoder

VP9 Profile-2 up to 4Kx2K@60fps

H.265 HEVC [MP-10@L5.1](#) up to 4kx2k@60fps

H.264 AVC HP @L5.1 up to 4kx2k@30fps

H.264 MVC up to 1080P@60fps MPEG-1 MP/HL up to 1080P@60fps MPEG-2 MP/HL up to 1080P@60fps  
MPEG-4 ASP@L5 up to 1080P@60fps

WMV/VC-1 SP/MP/AP up to 1080P@60fps RealVideo 8/9/10 up to 1080P@60fps

Multiple language and multiple format sub-title video support MJPEG and JPEG unlimited pixel resolution decoding Supports JPEG thumbnail,scaling, rotation and transition effects

Size            82X 82 X 19mm

Net Weight    159g

## Trademark Notice

## FCC Rules

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.

### 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.

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

**NOTE:** This device and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter

### RF Exposure Statement

To maintain compliance with FCC's RF exposure guidelines. This equipment should be installed and operated with minimum distance of 20cm the radiator your body. This device and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter

### Documents / Resources

	<a href="#">Hyphametrics A20DC6 coreMeter</a> [pdf] User Guide A20DC62AYHD, A20DC6, 2AYHDA20DC6, Hyphametrics Inc. coreMeter
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### References

-  [Embedded Android IOT Platform | Geniatech](#)