Android
TVBOX

User Manual

1. Getting Started

1.1 Basic Operations

1.1.1 Power On/ Off and Sleep

1. Connect the box to the TV with HDMI cable, connect box to the power adaptor, Connect mouse, air mouse or other input devices with USB port

2. After the device and cable connected ,power led turn to blue .

3. After the device and cable disconnected, Power LED turns off

4. Under power on mode, press remote control's power button, device is entering into sleep mode.

5. Under sleep mode, device will be wake when you press remote control's power button,

1.1.2 Open applications

Use remote control's arrow keys to choose the wanted program, click OK button to open the selected program

1.1.3 Switch in the applications

Click "My Apps" to view recently used programs, click program icon to switch application arbitrarily

1.1.4 Close Applications

Click icon * to view recently used programs, choose one of them by click and hold, drag it to blank area to close the application

* This function only operated in the condition of Mouse mode

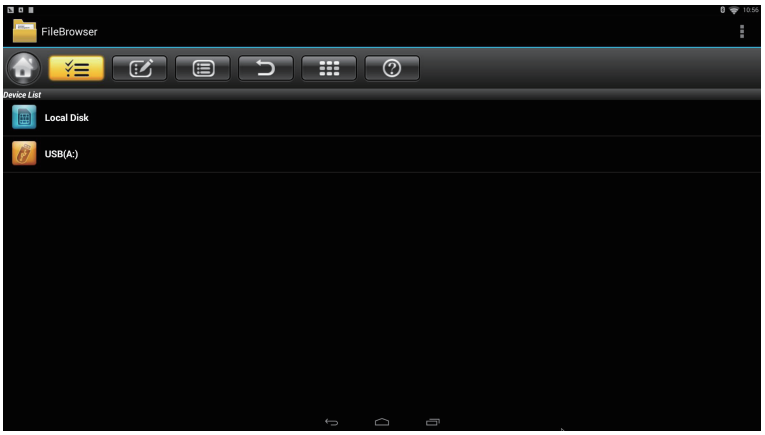
1.1.5 Back To Home Screen

Click icon to return to home screen
Click icon on remote control to return to home screen

1.1.6 Read External Storage Data

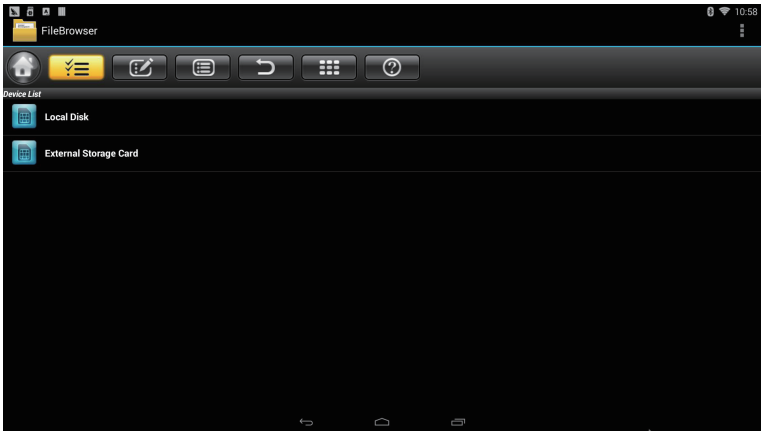
Read U Disk

Insert U flash disk or removable hard disk into USB port in the status of power on, icon appears in top left corner of the desktop, open “FileBrowser”, the identified USB(A:) will appear under “Local Disk”, U disk’s operation is available now



Read TF card

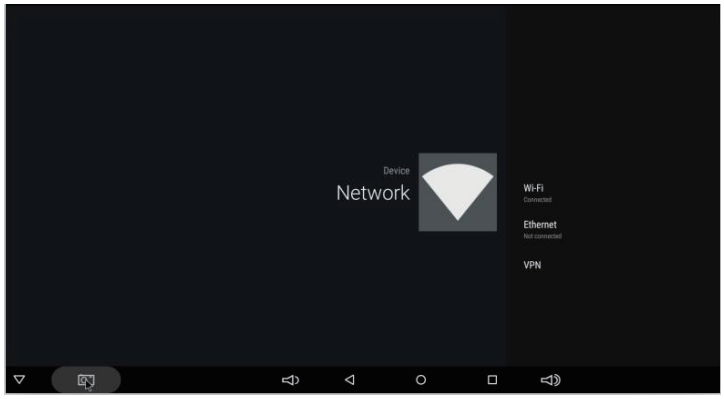
Insert TF card into the device in the status of power on, when icon appears in top left corner of the desktop, open “FileBrowser”, the identified External Storage Card will appear under “Local Disk”, TF card’s operation is available now



1.1.7 WIFI Function

Home Screen →SETTINGS→Network→ Select “Wi-Fi” to open WIFI function

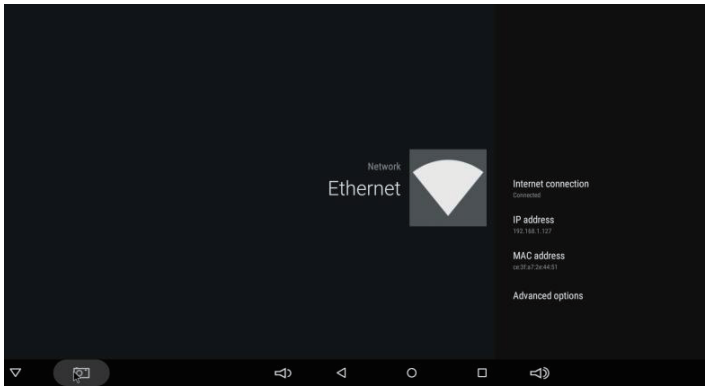
Choose hotspot →Input Password→ Connect to the network



1.1.8 Ethernet Function

Home Screen →SETTINGS→Network→ Select “Ethernet” to open Ethernet function

Insert network cable, network will be connected automatically

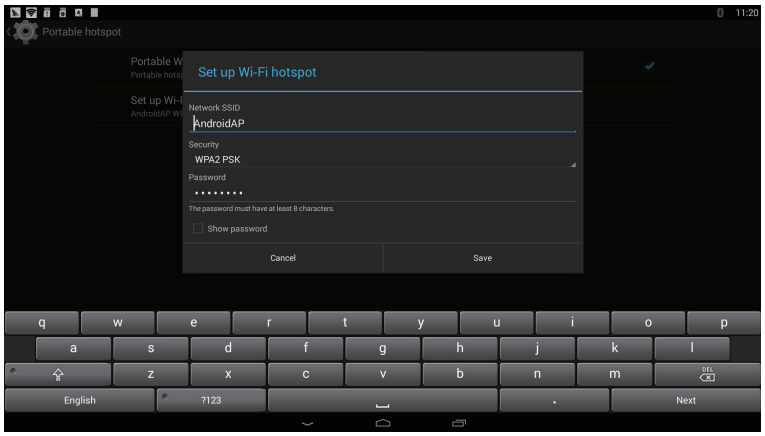


1.1.9 WLAN Hotspot

Operations on the box :

Home Screen → SETTINGS →Other→More Setting→More…→Portable hotspot→ Select “Portable Wi-Fi hotspot”

Select “Set up Wi-Fi hotspot” to set up “Network SSID”、“Security”、“Password” parameters



* Ensure connected to the wired network, the box can be used as wireless AP to support more wireless devices access in the family

2.1.0 The Step that how to reflash the box

1) Uncompress the downloaded firmware (ROM) to the root of and SD card(format your SD card first).
2) Insert the SD Card into powered-off Box (power cable not plugged in) with no external USB storage attached.
3) Using a toothpick, insert into the AV port of Box, press and hold the hidden button while plugging power in.Do not release until you see the screen of Robert Logo.
4) Update will run automatically. When it is done then choose “Reboot”. You can disregard any errors that display after the update, they are not relevant to your device.
5) When system has rebooted then you should first check to ensure wifi is working by going to Settings->Wi-Fi. Turn on the wifi if it’s off and you should be able to connect.

AMLOGIC S905X3		
CPU	**Amlogic S905X3 64-bit quad core ARM® Cortex™ A55 CPU**	
GPU	Arm Mali-G31 MP2 GPU(up to 800MHz) OpenGL ES 3.2, vulkan 1.1 and OpencL 2.0 support.	
Memory	DDR3:1GB/2GB/4GB[Optional]	
Flash	eMMC: 8GB/16GB/32GB/64GB [Optional]	
WiFi	IEEE 802.11 b/g/n/ac, 2.4G/5G	
Bluetooth	BT 4.0[optional]	
Moudle	Plastic : Black Color	
I/O	1*HDMI	4K*2K UHD Output, HD 2.1
	1*AV OUT	480i/576i standard definition output
	2*USB	1* USB Host Port ,1*USB Device
	1*IR Reciver	Remote Reciver Connect
	1*RJ45	Ethernet Interface(1000M)
	1*TF CARD	Support 4GB/8GB/16GB/32GB/64GB/128GB
Power	DC 5V/2A;LED indicator,Working :Blue; Standby:Red	

Software	
OS	Android 11
Video	* AMLogic video Engine(AVE)with dedicated hardware decoders and encoders
	* Supports multiple "secured"video decoding sessions and simultaneous decoding and encoding
	* Video/Picture Decoding
	AV1 MP-10@L5.1 up to 4Kx2K@60fps
	VP9 Profile-2 up to 4Kx2K@60fps
	H.265 HEVC MP-10@L5.1 up to 4Kx2K@60fps
	AVS2-P2 Profile up to 4Kx2K@60fps
	H.264 AVC HP@L5.1 up to 4Kx2K@30fps
	MPEG-4 ASP@L5 up to 1080P@60fps (ISO-14496)
	WMV/VC-1 SP/MP/AP up to 1080P@60fps
	AVS-P16(AVS+) /AVS-P2 JiZhun Profile up to 1080P@60fps
	MPEG-2 MP/HL up to 1080P@60fps (ISO-13818)
	MPEG-1 MP/HL up to 1080P@60fps (ISO-11172)
	Multiple language and multiple format sub-title video support
	Supports JPEG thumbnail, scaling, rotation and transition effects
	* Low latency 1080P H.264 60fps encoder
	* HDR10 and HLG HDR Video Processing
	* Supports *.mkv,*.mpg,*.wmv,*.mpeg,*.dat,*.avi,*.mov,*.iso,*.mp4,*.rm and *.jpg file formats
	* Video/Picture Encoding
	-Independent JPEG and H.264 encoder with configurable performance/bit-rate
	-JPEG image encoding
	-H.264 video encoding up to 1080P@60fps with low latency
Audio	Low power MediaCPU with DSP audio processing
	Supports MP3, AAC, WMA, RM, FLAC,and programmable with 7.1/5.1 down-mixing
	Built-in stereo audio DAC
	Built-in SPDIF/IEC958 and PCM serial digital audio input/output
	Supports concurrent dual audio stereo output with combination of analog+PCMo or I2S+PCM
DRM	N/A
Image	HD JPEG,BMP,GIF,PNG,TIF
Language	English French German Spanish Italian etc multilateral languages
Appliactions	
Online	Browse all video websites,support Netflix,Hulu,Flixster, Youtube, etc.
Apps	Apps download freely form android market,amazon app store etc.
Medium	Local Media playback,Support HDD, U Disck ,TF Card .
Talk online	Support SKYPE video call ,MSN , facebook ,twitter ,QQ etc
Others	Support Email,office suit etc.
	Support DLNA function
	Support 2.4G wireless mouse/keyboard

Accessories				
1,HDMI cable *1	2,IR Remote *1	3,User Manual *1	4,Package box *1	5,Power adapter *1

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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.

FCC Statement: 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.

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