

# Bathroom TV-User Manual



**SARASON**

Afford Reassurance Products, Keep Excellent Service



Black Mirror

Silver Mirror

## Bathroom TV Series

IN ORDER TO PURSUE A BETTER  
AND HIGHER QUALITY OF LIFE,  
THIS IS THE MEANING OF THE BIRTH OF WATERPROOF TVs.  
WE WILL BRING HOPE TO THOSE WHO HAVE A BRIGHT FUTURE  
FOR LIFE AND ENJOY THE LUXURY  
AND QUALITY OF SENIOR SERVICE LIFE.

**new standard of  
LUXURY LIFE**



## 19 inch waterproof TV



- Silver mirror
- Pearl White
- Black mirror
- Black border



Package Dimension: 535 x 160 x 450mm  
Gross Weight: 816g

- Remote control x 1
- Power adapter x 1



### Key features

Screen size	19"
Active area	408/418 (H) *255/262(V)
Brightness	250-350CD/M2
Viewing angle	175 (H) /175(V)
Resolution	1920*1080
Contrast	1000:1

### Temperature range

Operating temperature	-10~65°C
Standby temperature	-10~75°C

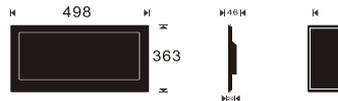
### Humidity range

Operating humidity	15~100%
Standby humidity	15~100%

### System

Video system	PAL, SECAM, DTMB (option)
Audio system	BG, DK, I, L/L* (option)

### Dimensions



### Android SYSTEM

CPU: ARM Cortex A53 Four Core  
Frequency: 1.4GHz  
GPU: Multi-core Mali -470MP2  
Memory: 8GB storage space  
Flash Memory: 1G  
Wifi: 2.4-2.5GHz IEEE 802.11b/g/n,  
10/100M auto-identification and DHCP  
System: Android 9.0/11.0  
OSD Language: (English, French, Spanish, Portuguese, Russian, Arabic) (Option)

### Analog signal impedance

AV cable input	USB Move memory input
HDMI cable input	RF cable input
Stand-alone version	
DC in x1 R45 in x1	USB in x1
AV in x1 MINI YPBPR x1	HDMI in x2
RF in x1 Rs232 in x1	EARPHONE out x1

### Other

Speaker	3W x2
Language	English
Power consumption	≤25W , Standby<0.5W
Power supply	DC12V 4A

### Installation

#### Embedded installation size

Width	: 483mm
Height	: 348mm
Depth	: 42mm

## 22 inch waterproof TV



- Silver mirror
- Pearl White
- Black mirror
- Black border



Package Dimension: 674x150 x 478 mm  
Gross Weight: 1116g

- Remote control x 1
- Power adapter x 1



### Key features

Screen size	21.5"
Active area	497 (H) *292(V)
Brightness	250-350CD/M2
Viewing angle	178 (H) /178(V)
Resolution	1920*1080
Contrast	1000:1

### Temperature range

Operating temperature	-10~65°C
Standby temperature	-10~75°C

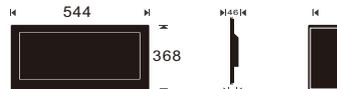
### Humidity range

Operating humidity	15~100%
Standby humidity	15~100%

### System

Video system	PAL, SECAM, DTMB
Audio system	BG, DK, I, L/L* (option)

### Dimensions



### Android SYSTEM

CPU: ARM Cortex A53 Four Core  
Frequency: 1.4GHz  
GPU: Multi-core Mali -470MP2  
Memory: 8GB storage space  
Flash Memory: 1G  
Wifi: 2.4-2.5GHz IEEE 802.11b/g/n,  
10/100M auto-identification and DHCP  
System: Android 9.0/11.0  
OSD Language: (English, French, Spanish, Portuguese, Russian, Arabic) (Option)

### Analog signal impedance

AV cable input	USB Move memory input
HDMI cable input	RF cable input
Stand-alone version	
DC in x1 R45 in x1	USB in x1
AV in x1 MINI YPBPR x1	HDMI in x2
RF in x1 Rs232 in x1	EARPHONE out x1

### Other

Speaker	3W x2
Language	English, (French, Spanish, Polish, Portuguese, Italian, German, Dutch, Russian) (Option)
Power consumption	≤36W , Standby<0.5W
Power supply	DC12V 4A

### Installation

#### Embedded installation size

Width	: 530mm
Height	: 350mm
Depth	: 42mm

## 24 inch waterproof TV



Package Dimension: 775x190x540mm  
Gross Weight: 12kg

Remote control x 1

Power adapter x 1



### Key features

Screen size	23.6"
Active area	522 (H) *293(V)
Brightness	250~350CD/M2
Viewing angle	175 (H) /175(V)
Resolution	1920*1080
Contrast	1000:1

### Temperature range

Operating temperature	-10~65°C
Standby temperature	-10~75°C

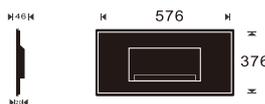
### Humidity range

Operating humidity	15~100%
Standby humidity	15~100%

### System

Video system	PAL, SECAM, DVB-T/T2 ISDB-T, ATSC (option)
Audio system	BG, DK, I, L/L' (option)

### Dimensions



### Installation

#### Embedded installation size

Width	: 580mm
Height	: 380mm
Depth	: 42mm

### Android SYSTEM

CPU:	ARM Cortex A53 Four Core
Frequency:	1.4GHz
GPU:	Multi-core Mali -470MP2
Memory:	8GB storage space
Flash Memory:	1G
Wifi:	2.4~2.5GHz IEEE 802.11b/g/n, 10/100M auto-identification and DHCP
System:	Android 9.0/11.0
OSD Language:	(English, French, Spanish, Portuguese, Russian, Arabic) (Option)

### Analog signal impedance

AV cable input	USB Move memory input
HDMI cable input	RF cable input
Stand-alone version	
DC in x1 Rj45 in x1	USB in x1
AV in x1 MINI YPBPR x1	HDMI in x2
RF in x1 Rs232 in x1	EARPHONE out x1

### Other

Speaker	3W x2
Language	English, (French, Spanish, Polish, Portuguese, Italian, German, Dutch, Russian) (Option)
Power consumption	≤40W , Standby<0.5W
Power supply	DC12V 4A

## 27 inch waterproof TV



Package Dimension: 820x175 x 527 mm  
Gross Weight: 15kg

Remote control x 1

Power adapter x 1



### Key features

Screen size	27"
Active area	497 (H) *292(V)
Brightness	250~350CD/M2
Viewing angle	178 (H) /178(V)
Resolution	1920*1080
Contrast	1000:1

### Temperature range

Operating temperature	-10~65°C
Standby temperature	-10~75°C

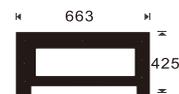
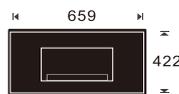
### Humidity range

Operating humidity	15~100%
Standby humidity	15~100%

### System

Video system	PAL, SECAM, DVB-T/T2 ISDB-T, ATSC (option)
Audio system	BG, DK, I, L/L' (option)

### Dimensions



### Installation

#### Embedded installation size

Width	: 663mm
Height	: 426mm
Depth	: 43mm

### Android SYSTEM

CPU:	ARM Cortex A53 Four Core
Frequency:	1.4GHz
GPU:	Multi-core Mali -470MP2
Memory:	8GB storage space
Flash Memory:	1G
Wifi:	2.4~2.5GHz IEEE 802.11b/g/n, 10/100M auto-identification and DHCP
System:	Android 9.0/11.0
OSD Language:	(English, French, Spanish, Portuguese, Russian, Arabic) (Option)

### Analog signal impedance

AV cable input	USB Move memory input
HDMI cable input	RF cable input
Stand-alone version	
DC in x1 Rj45 in x1	USB in x1
AV in x1 MINI YPBPR x1	HDMI in x2
RF in x1 Rs232 in x1	EARPHONE out x1

### Other

Speaker	3W x2
Language	English, (French, Spanish, Polish, Portuguese, Italian, German, Dutch, Russian) (Option)
Power consumption	≤42W , Standby<0.5W
Power supply	DC12V 4A

## 32inch waterproof TV



- 银色镜面 / Silver mirror
- 珍珠瓷白 / Pearl White
- 黑色镜面 / Black mirror
- 黑色边框 / Black border



Package Dimension: 383x166 x 620 mm  
Gross Weight: 2kg

Remote control x 1

Power adapter x 1



### Key features

Screen size	32"
Active area	698 (H) *392.8(V)
Brightness	350~450CD/M <sup>2</sup>
Viewing angle	178 (H) /178(V)
Resolution	1920*1080
Contrast	1400:1

### Temperature range

Operating temperature	-10~65°C
Standby temperature	-10~75°C

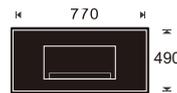
### Humidity range

Operating humidity	15~100%
Standby humidity	15~100%

### System

Video system	PAL, SECAM, DVB-T/T2 ISDB-T, ATSC (option)
Audio system	BG, DK, I, L/L' (option)

### Dimensions



### Installation

#### Embedded installation size

Width : 775mm  
Height: 495mm  
Depth : 50mm

### Android SYSTEM

CPU: ARM Cortex A53 Four Core  
Frequency: 1.4GHz  
GPU: Multi-core Mali -470MP2  
Memory: 8GB storage space  
Flash Memory: 1G  
Wifi: 2.4~2.5GHz, IEEE 802.11b/g/n,  
10/100M auto-identification and DHCP  
System: Android 9.0/11.0  
OSD Language: (English, French, Spanish, Portuguese,  
.Russian, Arabic) (Option)

### Analog signal impedance

AV cable input	USB Move memory input
HDMI cable input	RF cable input
Stand-alone version	
DC in x1 Rj45 in x1	USB in x1
AV in x1 MINI YPBPR x1	HDMI in x2
RF in x1 Rs232 in x1	EARPHONE out x1

### Other

Speaker	3W x2
Language	English, (French, Spanish, Polish, Portuguese, Italian, German, Dutch, Russian) (Option)
Power consumption	≤70W, Standby<0.5W
Power supply	DC24V 6A

### Key features

Screen size	42"
Active area	930 (H) *523(V)
Brightness	350~500CD/M <sup>2</sup>
Viewing angle	178 (H) /178(V)
Resolution	1920*1080
Contrast	1400:1

### Temperature range

Operating temperature	-10~65°C
Standby temperature	-10~75°C

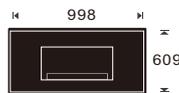
### Humidity range

Operating humidity	15~100%
Standby humidity	15~100%

### System

Video system	PAL, SECAM, DVB-T/T2 ISDB-T, ATSC (option)
Audio system	BG, DK, I, L/L' (option)

### Dimensions



### Installation

#### Embedded installation size

Width : 988mm  
Height : 607mm  
Depth : 52mm

### Android SYSTEM

CPU: ARM Cortex A53 Four Core  
Frequency: 1.4GHz  
GPU: Multi-core Mali -470MP2  
Memory: 4 GB/8GB storage space  
Flash Memory: 1G  
Wifi: 2.4~2.5GHz, IEEE 802.11b/g/n,  
10/100M auto-identification and DHCP  
System: Android 9.0/11.0  
OSD Language: (English, French, Spanish, Portuguese,  
.Russian, Arabic) (Option)

### Analog signal impedance

AV cable input	USB Move memory input
HDMI cable input	RF cable input
Stand-alone version	
DC in x1 Rj45 in x1	USB in x1
AV in x1 MINI YPBPR x1	HDMI in x2
RF in x1 Rs232 in x1	EARPHONE out x1

### Other

Speaker	3W x2
Language	English, (French, Spanish, Polish, Portuguese, Italian, German, Dutch, Russian) (Option)
Power consumption	≤100W, Standby<0.5W
Power supply	DC24V 6A

## 42 inch waterproof TV



- Silver mirror
- Pearl White
- Black mirror
- Black border



Package Dimension: 1100 x195 x755mm  
Gross Weight: 42kg

Remote control x 1

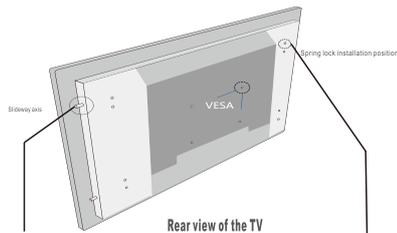
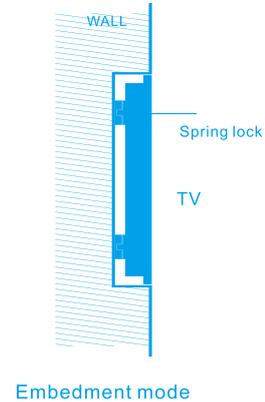
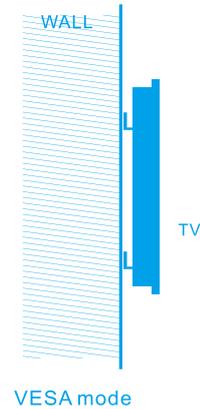
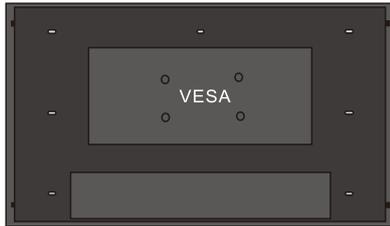
Power adapter x 1



# WATERPROOF TV

## INSTALLATION METHOD

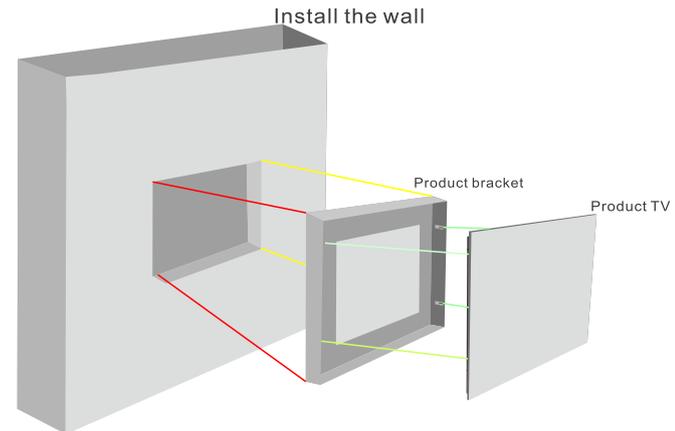
1. In the wall planning and installation location reserved for installing TV grooves;
2. The required TV cable lock pre-installed in the groove;
3. The television embedded stent installed in the groove, and the use of screws;
4. Connect all the TV cable and power and debug the TV;
5. Put the TV into the TV embedded bracket.



MODEL A

MODEL B

- a. First plan the installation location according to the product parameters reserved groove
  - b. Second, the need to use the power cord and data cable reserved groove, easy to connect the TV
  - c. The third TV embedded stent placed in the groove, and use screws to fix the bracket
  - d. Finally, connect the data cable and the power cable to the TV interface, conduct the TV test, and then hang the TV in the bracket
- This installation mode is to use a spring lock to fix the TV



## Remote Control Unit



- (1) **POWER** button  
Press this button to switch on the TV when at standby mode or enter standby mode
- (2) **INFO** button  
Display the information on the top-right corner of screen (e.g. channel number, TV system, resolution and frequency for PC etc).
- (3) **ZOOM** button  
To change picture aspect ratio
- (4) **MUTE** button  
Press this button to mute or restore sound
- (5) **0-9** buttons  
In TV mode, used to select channels.  
In Teletext mode, used to select page numbers.  
Used to key in password (child lock or VChip)
- (6) **▲CH▼** button  
Increase and decrease TV channel.  
Up or Down in navigating OSD  
Increase and decrease index number in Teletext mode.  
Used to switch from SCART mode to TV mode
- (7) **▲VOL▼** button  
Adjust the volume. ▲and ▼are used for increment and decrement in adjustment by end user.
- (8) **SOURCE** button  
Press to choose source in need, such as DTV, ATV or other channel.
- (9) **◀▶▲▼** button  
Left, right, up and down in the menu
- (10) **TIMESHIFT** button  
In DTV mode, press this for shifting time.

## Remote Control Unit



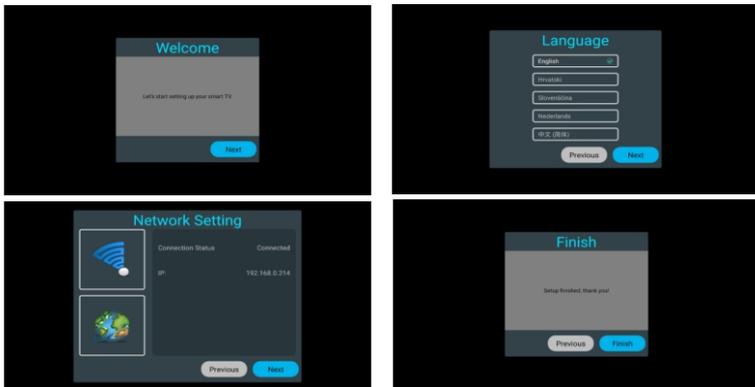
- (11) **SLEEP** button:  
Set time to turn to time off the TV
- (12) **↺** button  
Return to previous TV channel.
- (13) **MENU** button  
Call out OSD.  
Go to the previous level of OSD.  
Exit OSD completely if at highest level of OSD
- (14) **SET** button:  
Display the information on the top-right corner of screen (e.g. channel number, TV system, resolution and frequency for PC etc).
- (15) **EXIT** button  
Exit from the OSD menu
- (16) **AV** button  
Press this for pre-recorded list in AV mode
- (17) **HDMI** button  
Press this for pre-recorded list in HDMI mode
- (18) **USB** button  
Press this for pre-recorded list in USB mode
- (19) **TV** button  
Press this for pre-recorded list in TV mode
- (20) **OK** button  
this key is ok
- (21) **AUTO Search**  
this key is screen will transition to the TV state, the OSD interface for the search interface
- (22)



this keys is USBUnder the condition of USB is used for the function button to play pictures or videos

## BOOT WIZARD

The Startup Wizard menu contains language settings and network settings. Language settings, you can set the TV operating language; network settings, you can set according to the connection, wireless network settings WIFI connection, wired connection is to set the local area network.



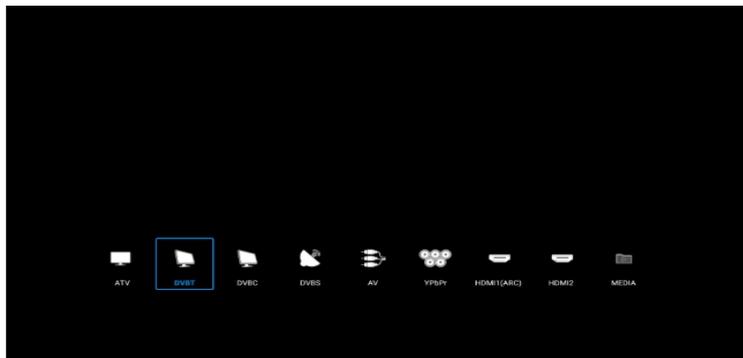
## Menu Screens

Press the "menu" button to display the menu, press the up and down keys to select the appropriate settings, press the right button to enter the relevant settings.



## Input Source

Press the "Source" button to display the input source menu, press the left or right button to select the corresponding input source, and press the Enter button to enter the relevant source.



## Media part Menu

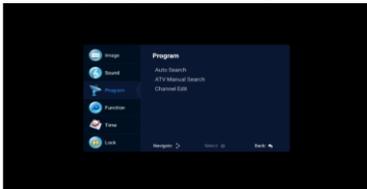
In the remote control menu - press USB key or source key netry, It is the USB channel options, according to your needs selection



## Channel Menu

Select option of Auto Tuning under the up and down keys .Then press OK button and the auto tuning will begin.

To simulate manual search, select the Channel you need to store, and also select the color and sound system. Press the up and down keys to select the "Search" option, press the left and right button to search, and you can modify the frequency by fine tuning , choose the best frequency.



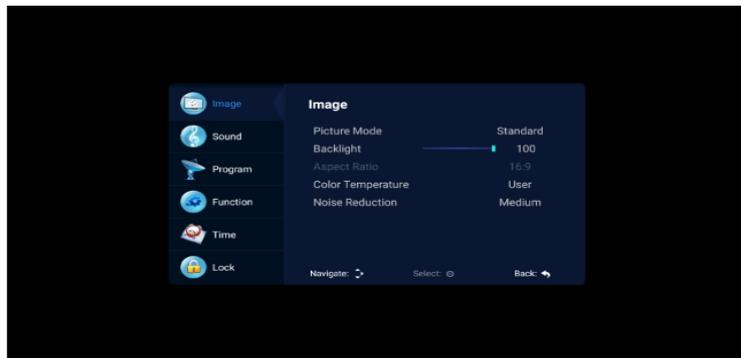
## Sound Menu

Use the up and down keys to select the sound menu, then press the right button to select the "Sound Mode" option, press the left and right button to switch the sound mode to Standard/Sports/Music/Movie/User.



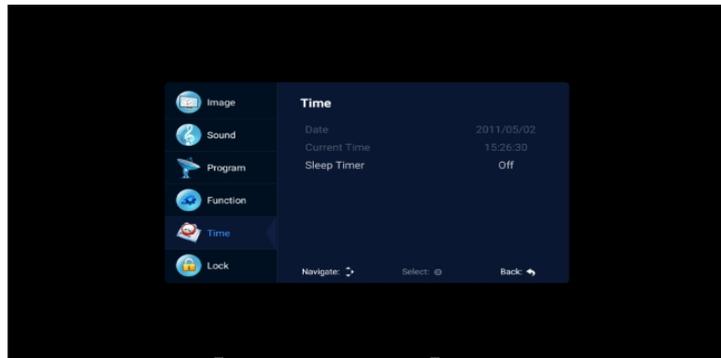
## Picture Menu

Use the menu button to call up the menu, then right click to select the "Image Mode" option, press the left and right button to switch the image mode to Standard / Movie / Vivid / User.



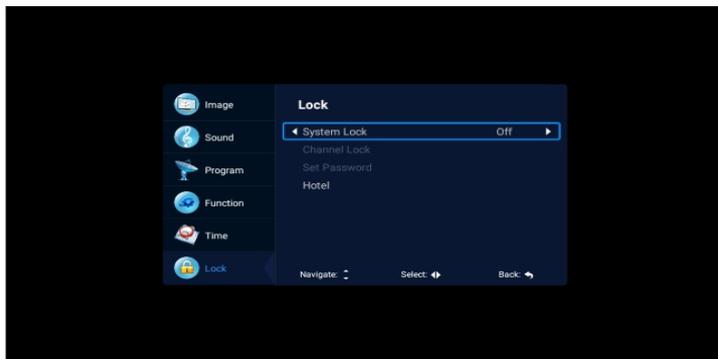
## Time Menu

This is not adjustable, when there is a signal when the automatic calibration. The system provides OFF/10/20/30/60/90/120/180/240min sleep time to choose from.



## Lock Menu

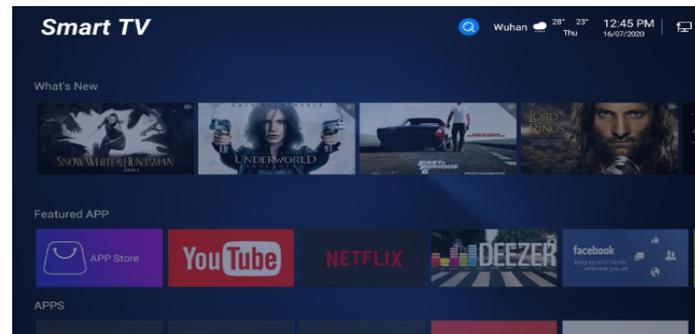
Choose the option of Lock System with the up and down keys .Then open the lock function with left and right keys. Please remember that initial password is 0000.If you want to adjust password, you firstly should select option of set password and then input old password, new password. When new password you input again is correct and make sure above operation, this mean that you successfully reset password. When you want to shield some programs you don't like, please select the option of block program and input the channel number.



## Android part operation

The main page is designed with Zeasn UI, divided into: latest news, Featured APP, applications, music, sports.

\*Different regions will receive different push content



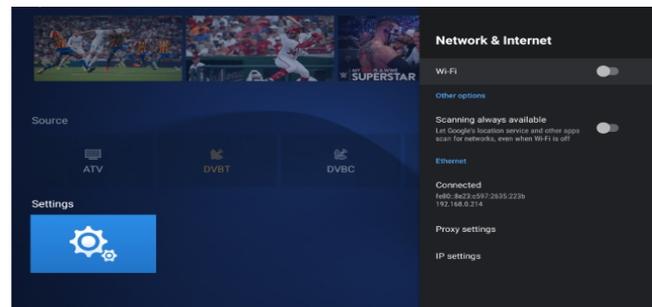
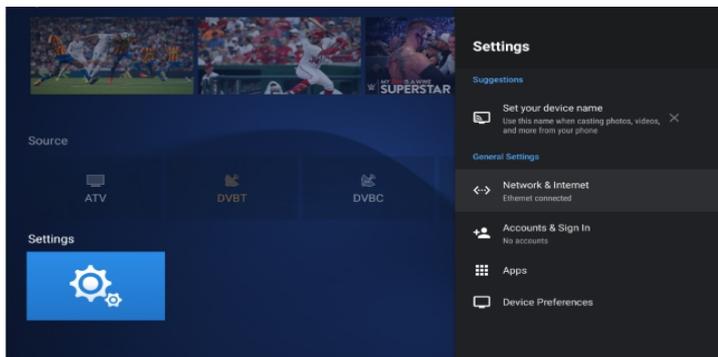
## Network part

Enter the "Network" menu item "Wi-Fi", you can open or close the Wi-Fi connection function, there are 4 types of connection: select focus and enter the password in the list of connections, use without-password protected connection, manually add hot name to connect, and point-to-point direct connection.

For an Ethernet connection, insert the network cable into the network cable interface, and after identifying the network, the current ipv4 and ipv6 addresses will be displayed. Select Proxy Settings to set the proxy. IP settings can set the way to get the ip address. There are automatic acquisition or setting a static ip address.

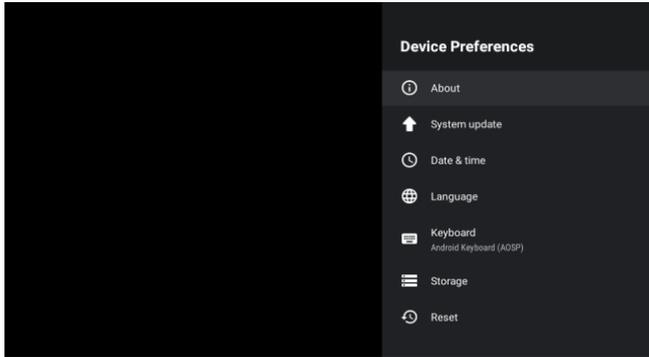
## Setting Menu

Enter the setting menu ,you can choose menu time set, subtitle set ,HDMI set,system sandby set and restore to default se t etc.



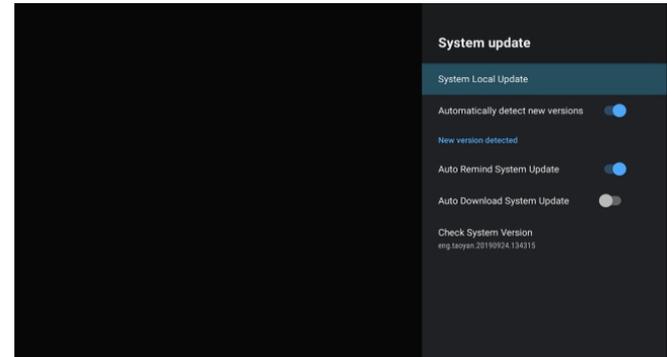
## Device Preferences

In the Device Preferences, you can see other settings under Android.



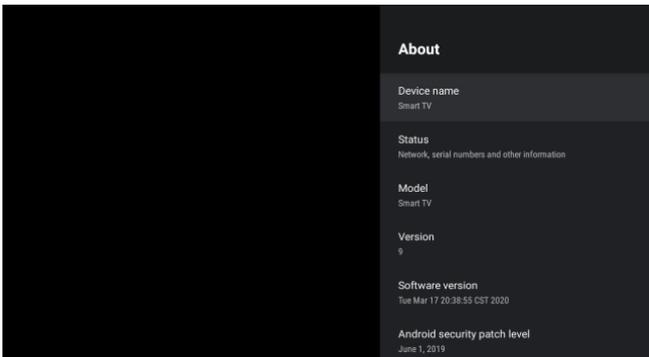
## Software Update Menu

You can set the software local upgrade, automatically prompt to update the version, automatically upgrade the latest version, automatically download the latest version and the current version number.



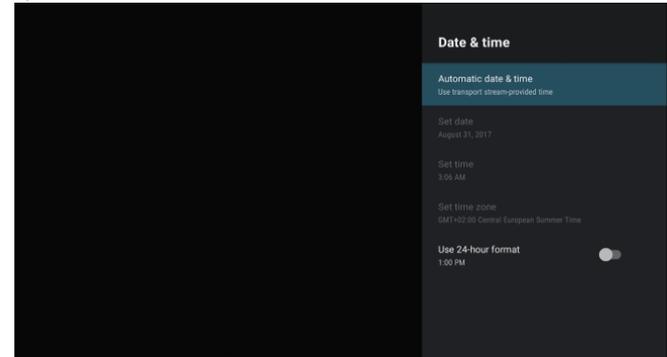
## About Menu

You can view and set the relevant information for the OTA update, you can also view the model, Android version, version number information.



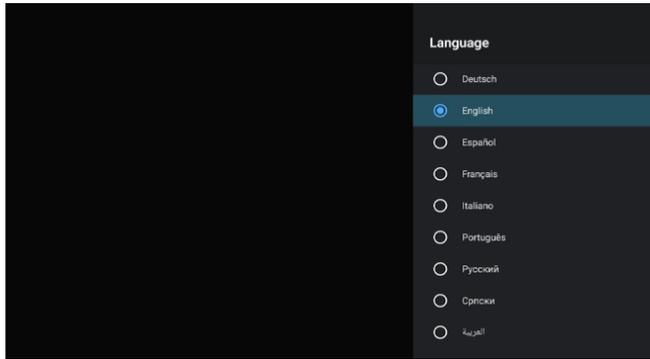
## Date&time Menu

The date and time can be updated automatically based on the network or time zone, or you can turn off automatic updates and update to manual settings. You can view the currently located time zone and set the time system.



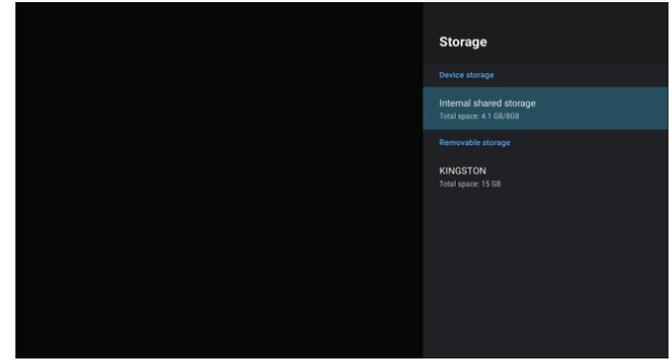
## Language Menu

System language can be selected here.



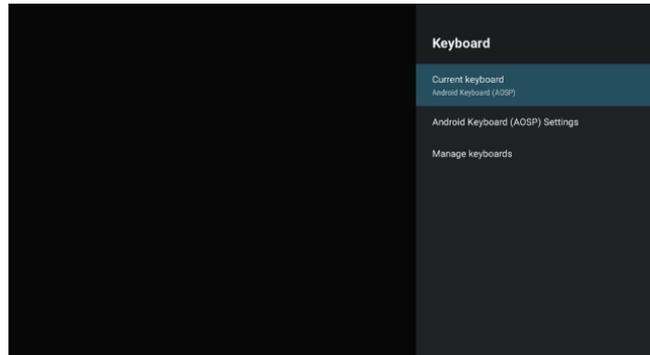
## Storage Menu

Here you can check the local memory capacity and current usage



## Keyboard Menu

Users can be based on personal preferences of the keyboard input settings, you can also view the personal dictionary.



## Reset Menu

Here you can reset the unit. After reset, the data of Android system will be cleared

