Android 10 System Information Release Boxes

Specifications	
Model No.	Android Information Release Box
CPU	Allwinner Quad Core ARM Cortex A53
GPU	G31 OPenGL3.2
RAM	DDR3: 2GB
WiFi	IEEE 802.11 b/g/n/ac +BT5.0(2.4g/5g) BT5.0
Flash	eMMC: 16GB
OS	Android 10.0
Function	Timing switch with RTC circuit
	parallel serial ports as required
	Support USB 4G communication dongle
	Open source for deep cooperation customers
	Compared with the advertising machine, there is only a lack of point screen interface

Video&Audio CODEC	
Video	Ÿ Video Engine (AVE) with dedicated hardware decoders and encoders
	Ÿ Support multi-video decoder up to 4Kx2K@60fps+1x1080P@60fps
	Ÿ Supports multiple "secured" video decoding sessions and simultaneous decoding and encoding
	Ÿ Video Decoding
	- VP9 Profile 2 up to 4Kx2K@60fps
	- H.265 Main10@L5.1 up to 4Kx2K@60fps,or 6K@30fps
	- AVS2-P2 Profile up to 4Kx2K@60fps
	- H.264 BP/MP/HP@L4.2 up to 4Kx2K@30fps
	- H.263 BP up to 1080P@60fps
	- MPEG-4 SP/ASP@L5 up to 1080P@60fps (ISO-14496)
	- MPEG-2 MP/HL up to 1080P@60fps (ISO-13818)
	- MPEG-1 MP/HL up to 1080P@60fps (ISO-11172)
	- Xvid up to 1080P@60fps
	- Sorenson Spark up to 1080P@60fps
	- VP8 up to 1080P@60fps
	- AVS/AVS+ JiZhun Profile up to 1080P@60fps
	- WMV9/VC1 SP/MP/AP up to 1080P@60fps
	- JPEG HFIF file format up to 45MPPS
	- Multiple language and multiple format sub-title video support
	- MJPEG and JPEG unlimited pixel resolution decoding (ISO/IEC-10918)
	- Supports JPEG thumbnail, scaling, rotation and transition effects
	- Supports *.mkv,*.wmv,*.mpg, *.mpeg, *.dat, *.avi, *.mov, *.iso, *.mp4, *.rm and *.jpg file formats
Audio	Supports MP3, AAC, WMA, RM, FLAC, Ogg and programmable with 7.1/5.1 down-mixing
	Audio Codec
	-Two audiio digital-to-analog(DAC) channels
	-Support 16-bit and 20-bit sample rate
	-8kHz to 192kHz DAC sample rate
	-95+/-2dB SNR@A-weight,-80+/-dB THD+N,output Level more than 0.55Vrms
	-One128*24-bits FIFO for DAC data transmit
	built-in TDM/PCM/I2S ports with TDM/PCM mode up to 384kHz x32bits x 8ch or 96kHz x 32bits x 32ch and I2S mode up to 384kHz x 32bits x 8ch
	Digital microphone PDM input with programmable CIC, LPF & HPF, support up to 8 DMICs
	Built-in stereo audio DAC
	Supports concurrent dual audio stereo channel output with combination of analog+PCM or I2S+PCM

I/O	
1*HDMI	4K*2K UHD Output, HDMI 2.0A
1*IR Port	IR Port
1* Audio Port	Audio Port
2*USB	1* USB Host Port
	1* USB Device
1*RJ45	Ethernet Interface100M
1*TF CARD	Support 4GB/8GB/16GB/32GB/64GB
Power	DC 5V/2A;
	LED indicator of eye design, Working: Blue; Standby: Red

Others	
Image	HD JPEG/BMP/GIF/PNG/TIFF
Application	Youtube/ Netflix/ Twitter/ Skype/Games etc.
Accessory	User manual, HDMI cable, IR remote, Power adadpter
Language	English French German Spanish Italian etc multilateral languages

(1) RAM and ROM can be customized according to customer needs; 2GB can be enhanced to 4GB

(2) DC voltage input: DC + 5V / 2A, normal working power consumption <10W, standby power consumption <0.5W

(3) Dual-screen different display, support remote OTA upgrade, local USB, SD card upgrade.

(4) USB 4G network DONGLE

(5) Support Android system customization service, can provide special APP customization service;

(6) Provide system API interface code to perfectly support customers' upper APP

(7) Support USB playback, hot swap, convenient and fast content update

(8) Picture playback: rotation, zoom, pan, slide show, background music playback

(9) Play mode: single repeat play, folder loop play, full disk loop play

(10) Audio mode:

(11) OSD multi-language: support Chinese, English, French, German, etc.

(12) Support all kinds of peripheral expansion: the chip comes with USB2.0 and USB3.0 interfaces to r

ealize the docking of various network terminal devices

PRODUCT DEMONSTRATION

Front view | Side view | Rear view

Parameters

Android 10 information relase box

Hardware configuration

CPU： Allwinner Quad Core A53 up to 1.2GHz

GPU：G31

System：Android 10.0

RAM：DDR3 2GB

ROM：EMMC 16G

Android 10 OS
Information Release Box

INFORMATION RELEASE BOX

Android10.0

Dual band WiFi
2.4G/5G ac

BT 5.0

Smooth

Stable

High Performance

Eight Mainly Functions: Practical & Simple

2+16GB	Android 10	Dual band 2.4G/5G WiFi	Screen Rotation
Loop play	Remote Control	Timer switch	BT 5.0

Compatible with various display devices

Support various different terminals HDMI high-definition output display

Splicing screen

Full Color LED Display

LCD TV

Projector

Monitor

Change TV to Advertising Player in Seconds

Make TV & LED screen as advertising player by this information release box
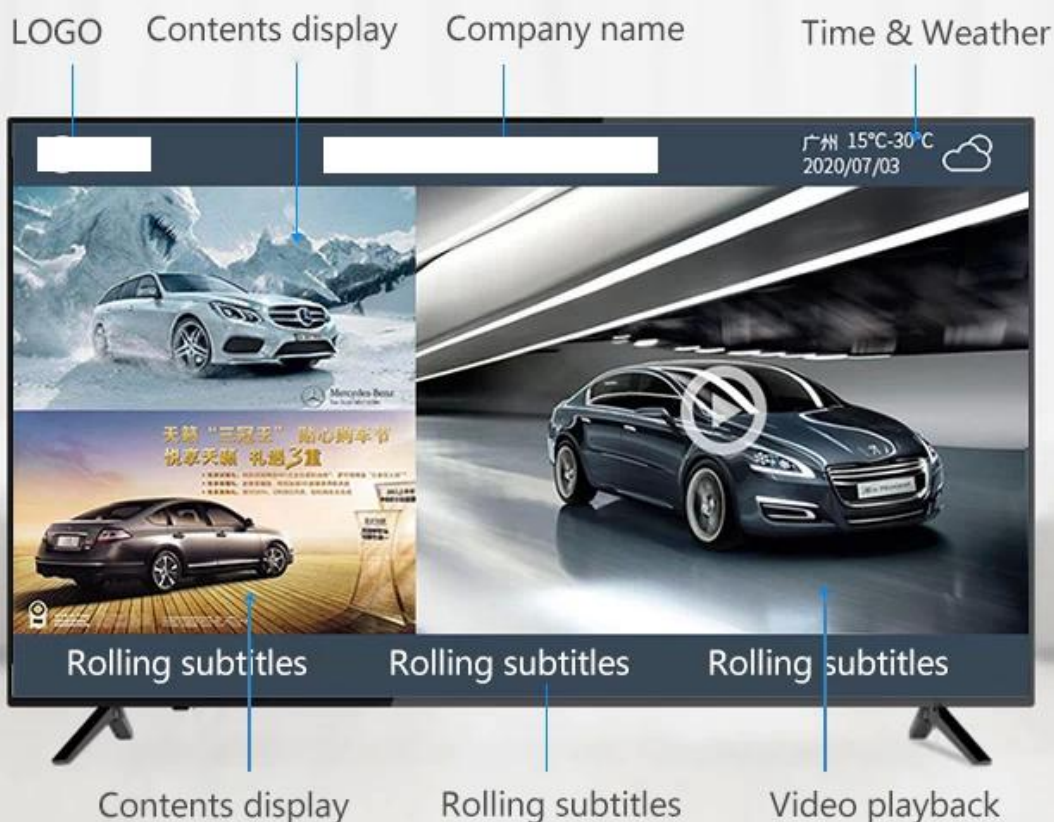
LCD Screen + **Information Release Box** = **Advertising Player**

Simultaneous playback of multiple contents

On the same screen, a plurality of screens to play different contents may be provided according to their preferences

LOGO   Contents display   Company name   Time & Weather

Rolling subtitles   Rolling subtitles   Rolling subtitles

Contents display   Rolling subtitles   Video playback

Multiple Split-screen Mode

Various split-screen mode for your choice.
Play videos and pictures on multiple screens in one machine

One split screen

Bipartite screen

Three screen

Horizontal & Vertical Screen Playback

Meets multiple requirements by seamless switching

Real-time Monitoring & Remote Management

Check the playback status of any device at any time, take screenshots to monitor, and easily manage the playback of each device

Monitor

Showroom

Corridor

Front desk

Conference hall

Timer Switch

Support setting multiple switch time for the display device to perform timing switch

08：00 Turn on

12：00
Play lunch dishes

18：00
Play dinner dishes

21：00 Turn off
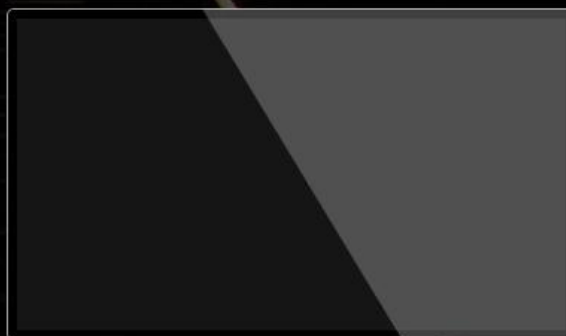
Remote control by mobile phone

Remotely manage the product by application in mobile phone

Multiple Interfaces

For reference only, please refer to the actual product

USB   CARD   USB   IR   Audio   HDMI   ETHERNET   DC

USB   CARO   USB   IR   ETHERNET

Audio   HDMI   DC

40mm

68mm   158mm

Accessories

Android 10 information release box.Power plug.Remote control.
HDMI cable.Wall mount.IR extender cable

Standard configuration			
Android 10 information release box	Power plug	Remote control	HDMI cable

Optional	
Wall mount	IR extender cable

Discover the next level of information access with our Android 10 System Information Release Boxes. These cutting-edge devices provide seamless access to vital information, powered by the Android 10 system. Stay informed and connected with ease.