

# LCD advertising machine manual

## 一、Product overview:

The main chip is rk3288, and the processor adopts four core arm cortex-a17 architecture. Its biggest feature is that it adopts completely out of order execution architecture as cortex-a15, and its performance improvement has an immediate effect. The GPU adopts the Mali t76x series GPU, and the main feature of the Mali t764 core is the third generation Midgard architecture. Ruixin micro rk3288 also supports 4kx2k, as well as the chip for hard decoding h.265 video, bringing users clear visual enjoyment as a more efficient high-definition compression format.

## 二、major function :

1. Metal aluminum alloy shell, surface toughened glass
2. Support network update program (video, picture, text, etc.), download to the player local storage
3. Support remote setting of multiple periods, automatic on / off, volume adjustment, remote network control playback
4. Support LAN / WiFi , and realize multi network hybrid networking
5. Support horizontal / vertical screen playback
6. Arbitrary split screen display, multi window video playback, can realize different contents in different windows
7. Automatic cycle play after startup
8. Support breakpoint memory function
9. Support the function of advertisement insertion
10. Support timing switch function
11. Support VGA / HDMI input
12. Support 1080p Full HD
13. Support audio and video image formats: mpg, MPG-1, mpg-2, mpg-4, avi, MP4, div, TS, flv, MKV, MOV, WMV, RM, JPG, JPEG, BNP, BMP, GIF, etc
14. Playback mode: single track repeat play, folder loop play, whole disc cycle play
15. Picture play: rotate, zoom, pan, slide show, background music play
16. OSD multi language: Chinese, English, Spanish, Portuguese, Russian and other languages
17. Using internal watchdog, abnormal automatic recovery
18. Touch and peripherals optional
19. Android open system, supporting customers to develop apk

## 三、Specification parameters:

model	FYD-ADV
Screen size	43", LEDBacklight
Display area	939.9mm(W)×528.25mm(H) 16:9
Highest resolution	1920*1080
Deep color	16.7M
Point distance	0.4845mm

brightness	400cd/m <sup>2</sup>
contrast ratio	3000:1
viewing angle	178°/178°
response time	5ms
service life	60,000 小时
<b>operating system</b>	
operating system	Android 6.0.1
GPU	PowerVR SGX544MP@500MHz
DDR	2GByte(Optional: 1GByte)
Decoding capability	1080P
Flash	16GByte(Optional: 8GByte)
<b>Input and output</b>	
VGA (Optional)	1
HDMI (Optional)	1
USB 2.0 Host	2
USB 2.0 OTG	1
SD card slot	1
802.11 WiFi	1
horn	8Ω/5W*2
<b>Display</b>	
Video format	PAL/NTSC/SECAM
OSD language	Chinese, English, Spanish and other languages
<b>Input power</b>	
Power Supply	AC100~240V 50 /60 HZ
Maximum power consumption	≤200W
standby power	2W
<b>temperature and humidity</b>	
working temperature	0 ℃~50 ℃
Storage temperature	-20 ℃~60℃
Working humidity	5%~95%
Storage humidity	10%~85%
<b>other</b>	
colour	black
Shell material	hardware
Tempered glass	Bring with you
Installation mode	vertical
quality standard	ISO9001,CCC, CE

#### 四、application area:

Electronic communication: Mobile, telecom, China Unicom, Netcom, Tietong, etc. place advertising machines, which can send business processing, telephone fee discount packages, etc;

Financial securities: advertising machines are placed in all business outlets, and the characteristics and

information (pictures and animations) of each outlet can be sent;

Transportation: advertising machines are placed in hot spots such as airports, stations and docks, which can send local travel and accommodation information;

Real estate: advertising machines are placed in sales centers and residential areas, which can send real estate developers' real estate information, promotion information, sales situation, etc., while those in residential areas can send information such as property fee collection;

High level guild hall: advertising machines are placed in each lobby or conference room, which can send the service information and surrounding information of the store;

Commercial and residential buildings: advertising machines are placed at the entrance or exit of the office building, which can send the characteristic company and nature of the building;

Entertainment and fitness: nightclubs, dance halls, singing halls, entertainment city, Kangle palace, fitness venues, health care centers, clubs, teahouses, amusement parks, etc. advertising machines can be placed to send local introduction, discount information, feature introduction, promotion information, etc;

Shopping malls and supermarkets - shopping malls, shopping malls, department stores, supermarkets, wholesale markets, chain stores, etc. place advertising machines, which can send local merchants' introduction, recommended products, discount information, etc;

Catering culture: advertising machines are placed in restaurants, restaurants, restaurants, chain restaurants, etc., which can send out special dishes, recommended dishes, discount dishes, etc;

Cultural places: theatres, science and technology museums, cultural centers, libraries, exhibition halls, museums, cinemas, etc. place advertising machines, which can send information and introduction of the museum

Medical and health: advertising machines can be placed in hospitals, rehabilitation centers, outpatient departments, special diagnosis and treatment, etc., which can send local medical situation service guidelines, expert doctors, etc;

Auto industry - 4S stores, exclusive stores, maintenance stations, Auto City, accessories sales, etc. place advertising machines, can send local introduction, service features, discount products, etc;

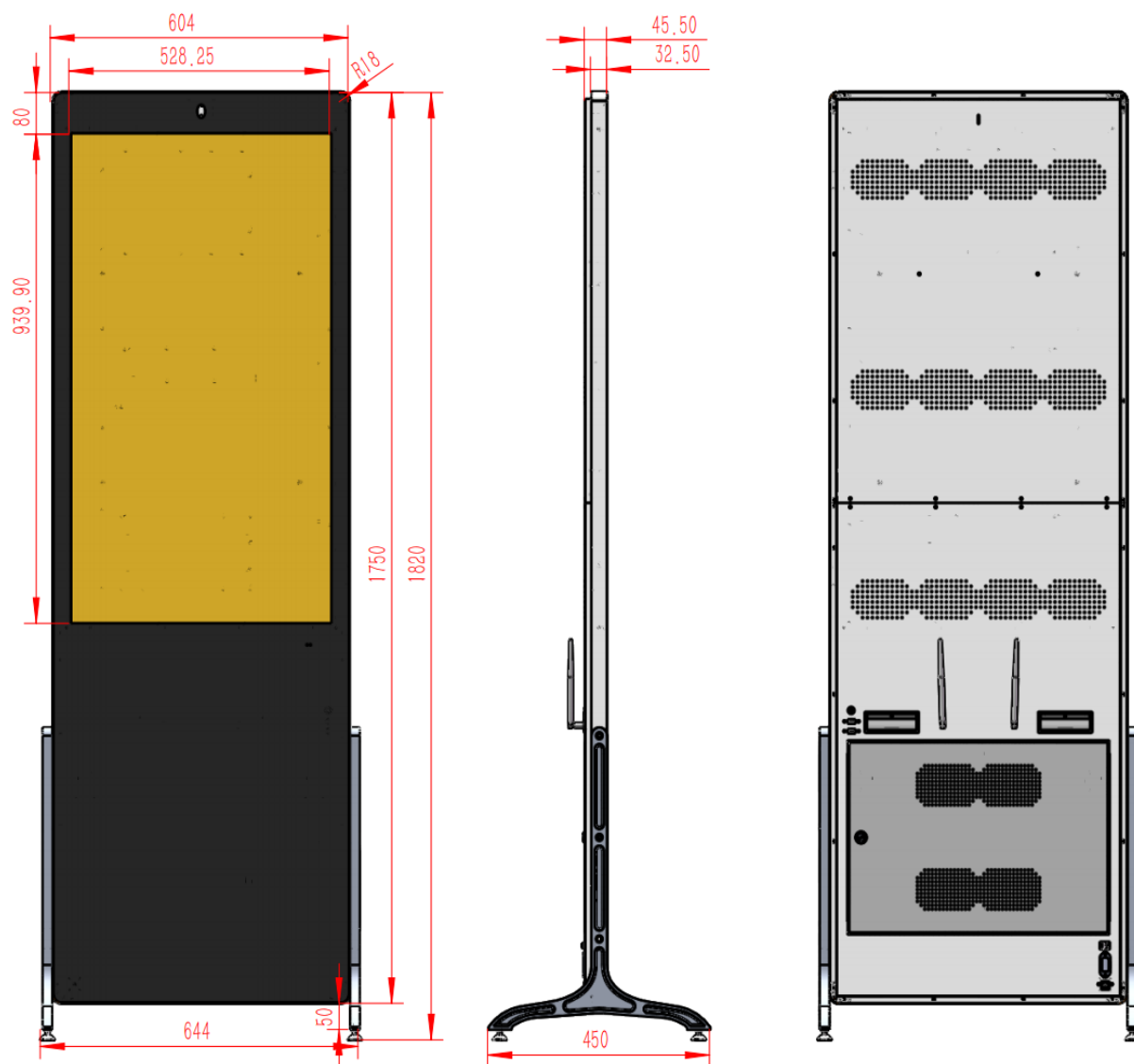
Scenic spot Park: advertising machines are placed in parks, tourist attractions, cultural relics, etc., which can send local introductions, scenic spots, catering services, etc;

## 五、 assembling:

Lay on your back and install the supporting feet on both sides with a screw driver, and then stand the machine



## 六、Dimensions:



## 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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.