

# LCD Screen Ipad Photo Booth Instruction manual



**Application for:** 10.2/11/12.9 inch ipad

## **Operating Instructions for Photo Booth**

**Note: Before using the product, please read the instructions carefully!**

Do not attempt to disassemble the product. If the product is not working properly, please contact our partners, thank you!

# Contents

<b>Features</b> .....	<b>3</b>
<b>Safety Warnings and Precautions</b> .....	<b>3</b>
<b>LCD Screen ipad Photo Booth</b> .....	<b>5</b>
Interfaces .....	6
Product introduction .....	6
Function display .....	7
<b>Product size</b> .....	<b>9</b>
<b>Description of Basic Operation</b> .....	<b>10</b>
Power on/Standby.....	10
RGB fill light introduction .....	10
The effect under two lights.....	11
Remote control Angle and distance.....	11
Angle adjustment of fill light.....	12
LCD bar screen advertising machine .....	13
<b>Description of Wallpaper Switch</b> .....	<b>14</b>
File Manager .....	14
Local Settings .....	14
Enter the AD player terminal software.....	14
Communication Method.....	15
LedArt installation .....	16
Wi-Fi connection .....	17
New program .....	18
Choose System Language .....	19
<b>Advertising display effect</b> .....	<b>25</b>
<b>Connecting to Wireless Printing</b> .....	<b>26</b>
<b>Installation instruction manual</b> .....	<b>27</b>
<b>Technical Specifications</b> .....	<b>21</b>
<b>Troubleshooting the equipment</b> .....	<b>33</b>
<b>Names and Contents of Toxic and Hazardous Substances</b>	<b>36</b>

## Features

1. Embedded Android 10.0 intelligent operating system and unique UI design bring you more convenient operation and better visual experience.
2. Support USB mouse, keyboard and remote control, easy to operate like a computer. You are advised to use the mouse and remote control.
3. Built-in Wi-Fi module, large capacity of memory, large capacity of cache, watching 1080P HD movies and pictures.
4. High quality LCD screen for display, flicker free, low radiation, greatly reduce eye fatigue, eye protection, wide viewing Angle (178° full viewing Angle); The ultra-fast response time greatly reduces the residuals of fast-moving images.
5. Advanced image processing and industry-leading motion compensation technology improve flicker and blur at video edges.
6. Dynamic contrast technology can significantly improve the sharpness and contrast of various screens.
7. Multi-channel USB interface, supporting HD media streaming.
8. Support the same screen function of mobile phone.

## Safety Warnings and Precautions

Thank you for buying the high-performance LCD screen iPad photo booth. We have taken personal safety into account in product design and carried out rigorous tests in the factory.

However, improper installation and use can lead to electric shock and fire.

In order to ensure safe use, maximize the performance of the product and prolong the service life of the product, please read and follow all instructions carefully before using the product.

And keep the instructions for future reference.

We strongly recommend using standard adapters and portable power supplies, or adapters with internal circuit breakers, to prevent bad power supplies from damaging the device.

Symbol Legends:

⚠Warning: May cause personal injury or Death:

⊘The operation is prohibited

⚠Caution: May cause damage or property loss

If any of the following occurs:

- Voltage is unstable.
- The device has an abnormal sound or smell.
- The DC power cable is damaged.
- Equipment fall, knock, impact and other damage.
- Any liquid or foreign matter falling into the shell.

 Please immediately disconnect the power supply of the device, unplug the plug from the power socket, and contact our after-sales staff for confirmation, timely maintenance.

⊘ If coal gas or other flammable gas leaks, do not pull out the plug of the equipment or other electrical appliances; instead, turn off the gas valve immediately, and open the doors and windows quickly.



Do not use power supplies with AC output other than 100-240V 50/60Hz.

- Disconnect the power supply before connecting or disconnecting any cable.
- Do not place the device in an unstable position to avoid damage or fire.
- Do not place the device in the following positions:
  1. Exposure to direct sunlight, humidity, extreme temperature or excessive dust;
  2. Flammable and explosive environment;
  3. Flammable and corrosive gas environment;
- Do not use damaged or improper power sockets, and ensure that the plug is in normal contact with the socket.
- Do not allow dust or metal deposits to adhere to plugs and sockets.
- Do not damage the power cord:
  1. Do not modify the power cable.
  2. Do not place heavy objects on the power cord.
  3. Keep the power cable away from heat source.
  4. Do not unplug the power cord.
- Do not connect multiple plugs at the same time. Otherwise, excessive power consumption may cause fire.
- Do not use an open flame (such as a lit candle) near the device. Otherwise, electric shock or fire may occur.
- Do not put sharp objects, metals or liquids into the contact signal terminals to avoid short circuit, product damage or electric shock.
- The internal opening of the chassis is designed for ventilation and heat dissipation to ensure the reliable operation of the components in the chassis for a long time and prevent overheating. Do not block the opening when placing the unit.
  
- Do not touch the plug with wet fingers, or you may get an electric shock.
- Do not use equipment in stormy weather, especially when there is lightning; To avoid lightning strikes, disconnect the power supply and antenna plug.
- Do not use the equipment outdoors on rainy days. The equipment is not waterproof.
- Do not remove the device without permission. Otherwise, electric shock or fire may occur.
- Please find a qualified technician to repair it.



- Do not let children climb on the equipment.
- Keep widgets away from children to prevent them from swallowing.
- If not used for a long time, please turn off the device and unplug the power plug.
- When adjusting the device position, disconnect all power cables and move them slowly to avoid tipping.
- It is strictly forbidden to scratch, beat, twist and squeeze with hard objects.
- When the unit is moved from a low temperature to a high temperature, do not start it immediately, otherwise condensation and failure may occur.
- Remove the power plug before cleaning the device. Wipe with a soft cloth; Do not use industrial chemicals; Prevent foreign matter from entering the machine. Improper cleaning (such as cleaning fluid, water) can damage the product, erase the printed information, or even fluid inflow can cause parts damage, leading to machine failure.
- If the same screen is displayed for a long time, or the moving screen has fixed text or icon, it may leave a shadow on the screen, which will not disappear when the machine is powered off; This is normal and not covered by the warranty.
- If the LCD breaks and liquid spills onto your skin, rinse immediately with water for 15 minutes and consult your doctor.
- When carrying the device by hand, please hold the backpack or shell tightly. Do not put pressure on the panel.
- Proper use of equipment: use under proper lighting conditions; Poor light or prolonged viewing can damage your eyesight.
- Please insert the plug correctly into the socket, otherwise it may cause sparks and fire.
- Specifications on this contract and packing are subject to change without prior notice. This manual may be slightly different from actual operations.

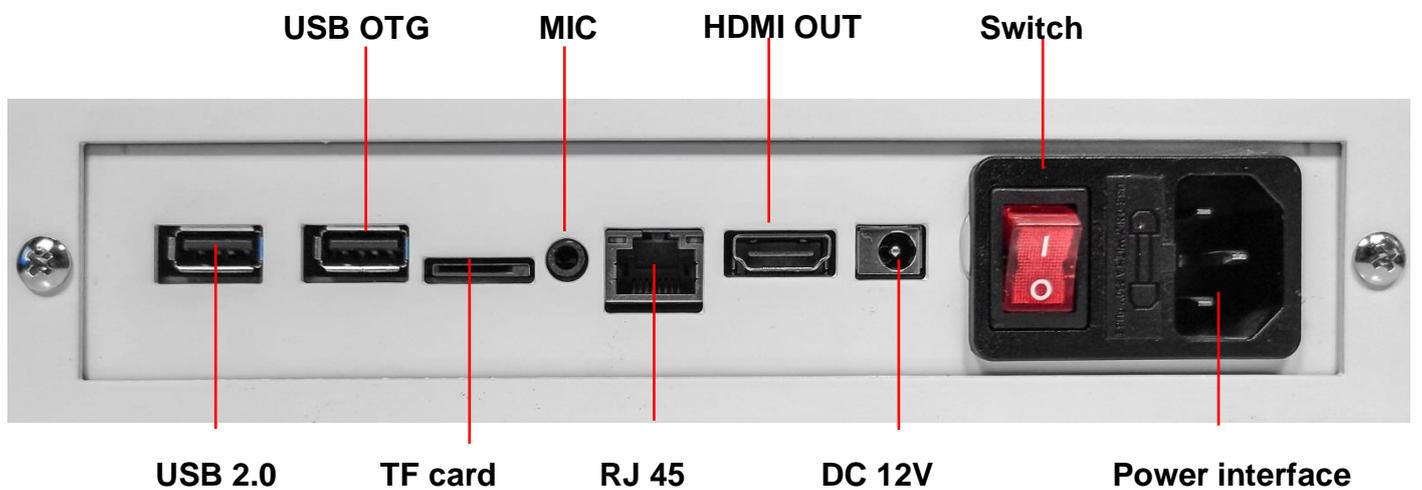
## **The mainboard is introduced**

It adopts Micro RK3288 quad-core chip scheme, equipped with Android10.0 system, the main frequency can reach up to 1.8GHz, with super performance. Mali-T764 GPU, supporting AFBC(frame cache compression), 4K/H.265 hard decoding, 1080P video decoding, HDMI interface 4K output, 4K level video playback. Support infrared remote control, Wi-Fi, RJ45 and other rich interfaces, so that the product becomes more general.

# LCD Screen ipad Photo Booth



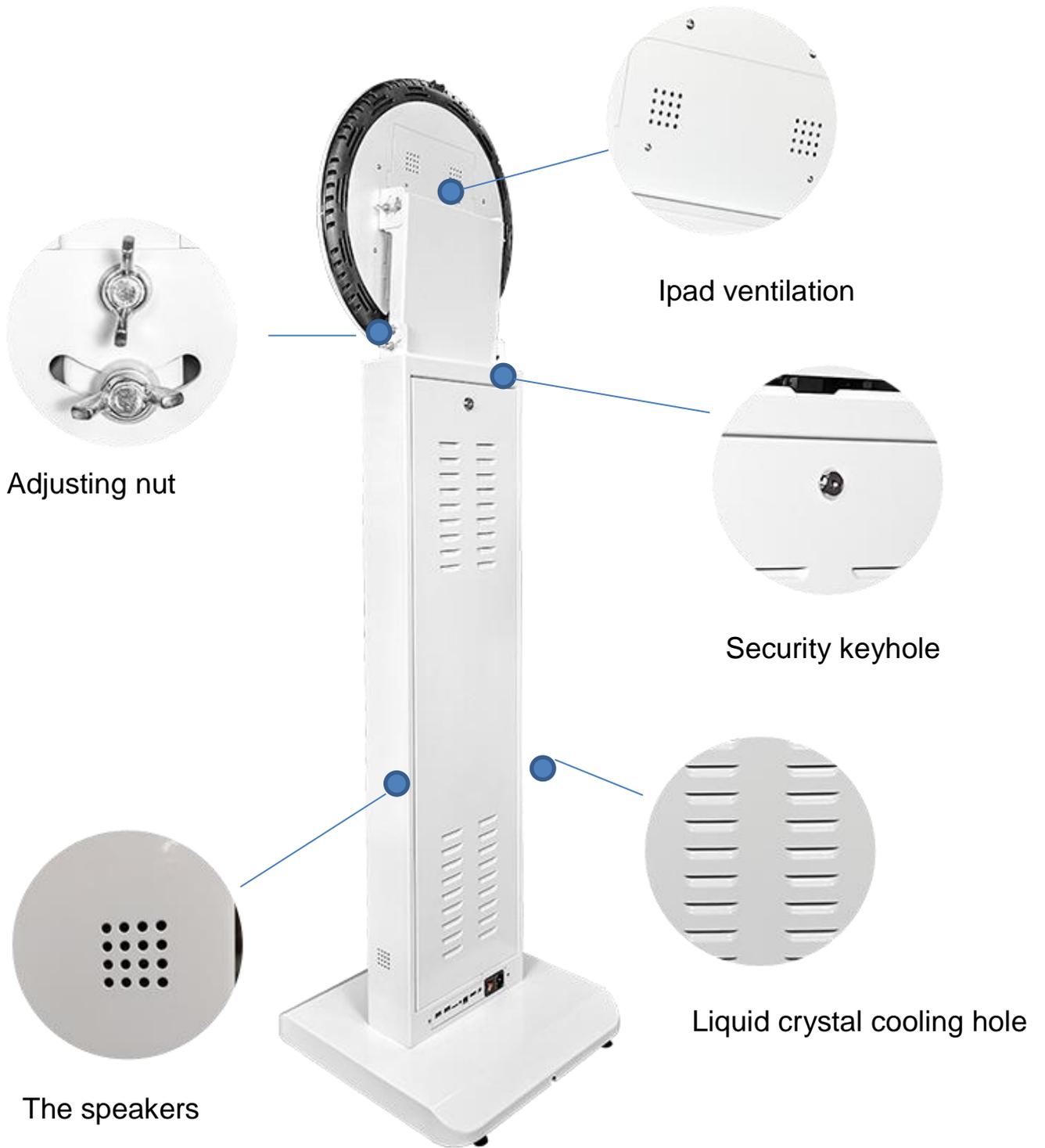
## Interfaces



# Product introduction



## Function display



## Product size

Take the 10.2-inch iPad, for example

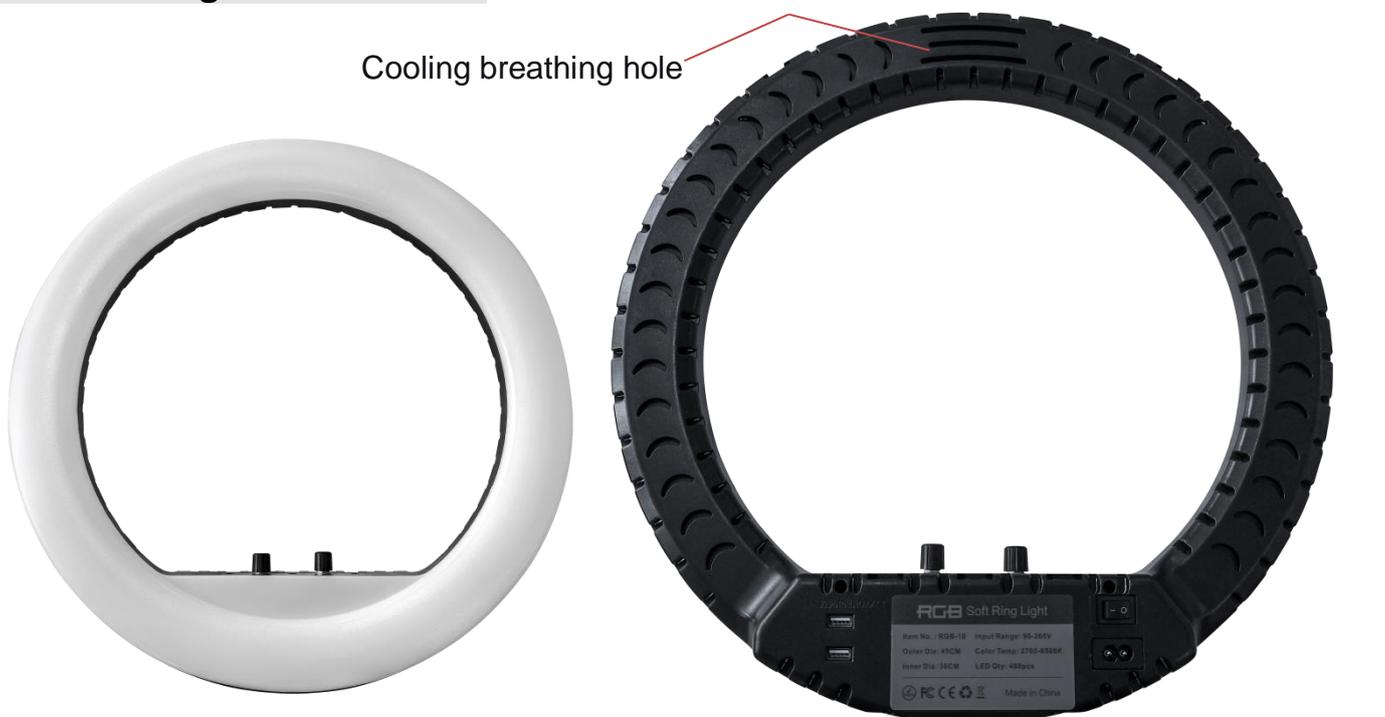


## Description of Basic Operation

### Power on/Standby

Insert the power plug into the outlet. If the equipment has the power switch button "I", turn it on. If you press the switch button "O", the equipment enters standby state.

### RGB fill light introduction



The remote control requires two dry batteries to operate

## The effect under two lights

### Normal three-color lighting effect



### RGB lighting effect



## Remote control Angle and distance



Do not face the baffle, this may make the remote control can not be recognized, need to offset a little Angle to recognize

## Angle adjustment of fill light

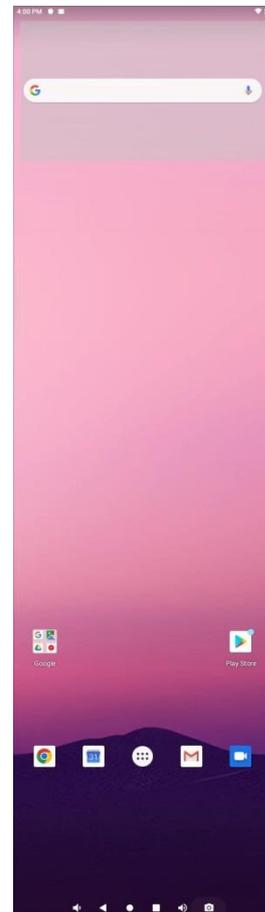
The upper and lower angles can be adjusted to support a maximum rotation space of 15-165°. After adjusting the Angle, the nut must be locked, otherwise it will be offset to the lowest level and cause damage.



## LCD bar screen advertising machine

### Description of Desktop Icons

Icon	Function
	Main applications
	Google Browser
	The calendar
	Google mail
	zoom
	Sound +/ Sound -
	Back
	Home page
	Background applications



## Description of Wallpaper Switch

We suggest using a mouse / remote control to change the wallpaper.

Connect a mouse with the digital panel through USB port, then follow the steps below:

1. click "Setting"
2. At the setting menu, click "Display"
3. At the Display setting menu, click "Gallery", or "Wallpaper"
4. Then select an image you would like to set up as background.
5. Confirm the selection by clicking "Set wallpaper".

## File Manager

1. Click the Main Apps button "☰" in the Home page to enter the "Apps" menu interface (Fig. 1);
2. Click the "Explorer" icon in the "Apps" menu interface (Fig. 2) and enter "Explorer" menu (Fig. 3);
3. Click options in the "Explorer" menu to read the files from different devices.



Fig. 1

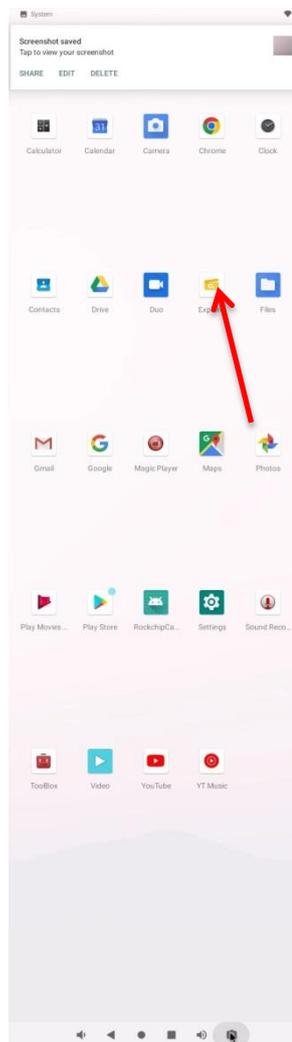


Fig. 2



Fig. 3

## Local Settings

1. Click the Main Apps button “

Fig. 1



Fig. 2

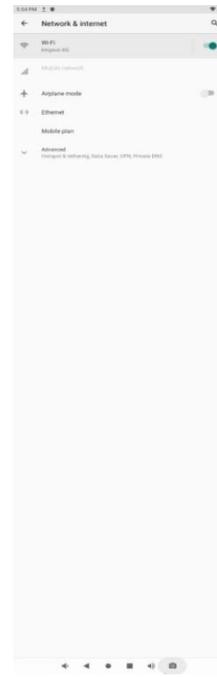


Fig. 3

## Enter the AD player terminal software

1. Click the Main Apps button “

Fig. 1

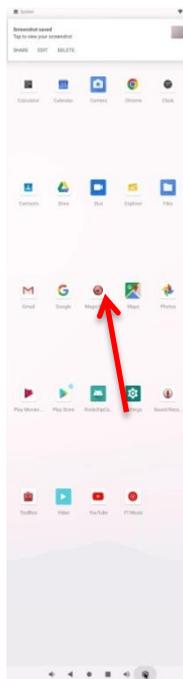


Fig. 2



Fig. 3

## Communication Method

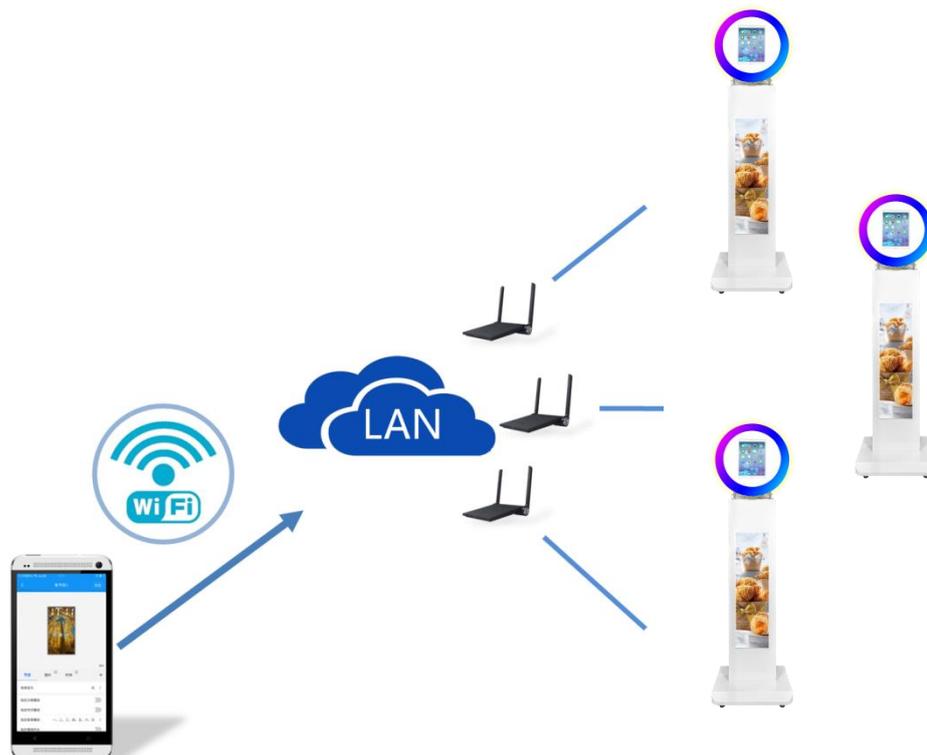
### Phone system

Android 4.0 and above or iOS 7.0 and above

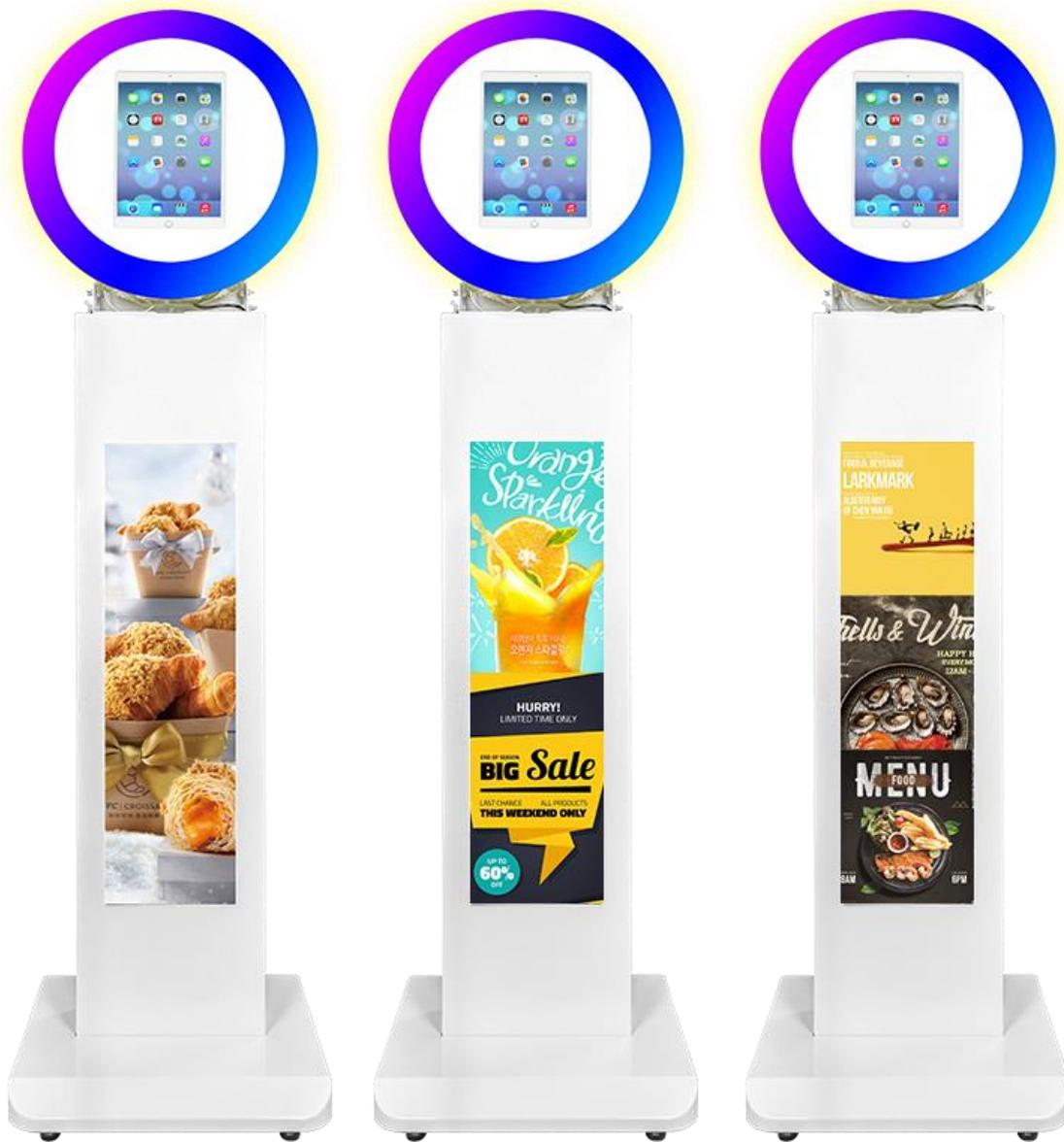
#### 1) Method 1 AP direct connection



#### 2) Method 2 LAN



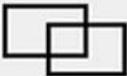
## Advertising display effect



**FULL SCREEN**

**BINARY SCREEN**

**THREE SPLIT SCREEN**

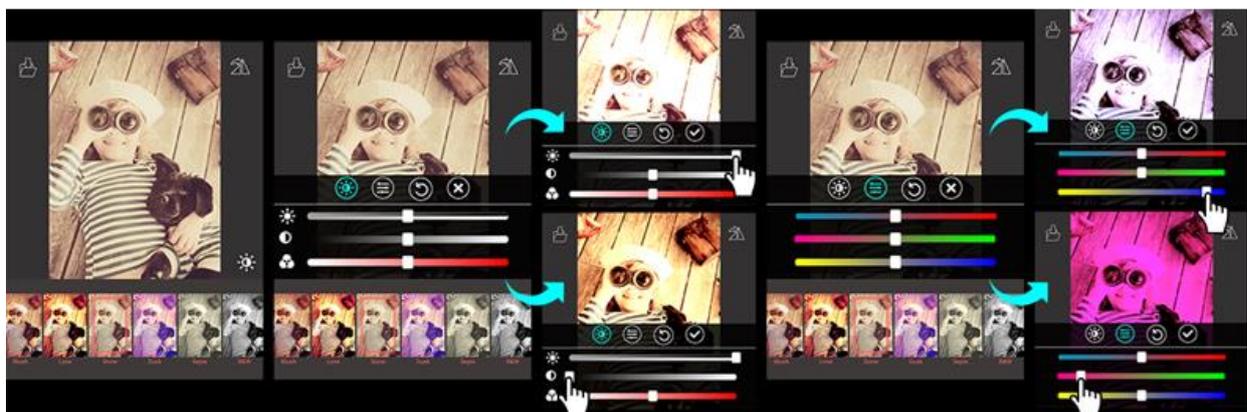
 <p>Android System</p>	 <p>Remote Release</p>	 <p>Intelligent Split Screen</p>	 <p>WIFI Connection</p>	 <p>Autoloop</p>
 <p>LCD HD</p>	 <p>Remote control</p>	 <p>Ultra wide Angle of view</p>	 <p>LED Backlight</p>	 <p>Long Life</p>

## Connecting to Wireless Printing

Download the wireless printing software through the iPad, install the consumables and power supply of the printing device, and connect it through the wireless transmitter. Then connect the iPad to the WiFi of the wireless transmitter, open the software, and identify the device.



A variety of filters, color, contrast, brightness and other effects to meet the needs of various styles.



## Technical Specifications

### Specifications

<b>CPU</b>	RK3288, quad-core, main frequency up to 1.8GHz, Android10.0
<b>GPU</b>	Mali-T764 GPU MP4 quad-core GPU Support OpenGL ES1.1/2.0, OpenVG1.1, OpenCL
<b>Memory</b>	DDR3 The standard configuration is 2GB. The optional configuration is 4GB
<b>Built-in storage capacity</b>	eMMC standard 8GB 16/32/64GB Optional TF Card extension (can be used to extend SSD)
<b>Network</b>	Supports RJ45 R/A 100 megabit Ethernet and Ethernet. Support 2.4GHz Wi-Fi, optional 5GHz; Supports Wi-Fi 802.11b/g/n. Support Bluetooth 4.2, mobile phone Bluetooth broadcast.
<b>The image rotation</b>	Support 0 degrees, 90 degrees, 180 degrees, 270 degrees manual rotation
<b>Display interface</b>	1*LVDS interface (single/dual, 6-bit / 8-bit), supports 3.3V/5V/12V power supply One EDP port, one HDMI1.4 port, supporting 4K output Support dual display function, can directly drive a variety of resolution EDP interface LCD screen Onboard backlight control Supports 12V backlight power supply
<b>Audio</b>	Support standard left and right channel line output; Supports 3.5mm audio output interface
<b>The power amplifier</b>	2 road output (8 o 10 watt two circuit audio amplifier output)
<b>The microphone</b>	Differential MIC input
<b>Touch screen</b>	Supports usb multi-point infrared touch, multi-capacitance touch, multi-nano-film touch, multi-point acoustic wave Touch, multipoint optical touch and so on.
<b>RTC</b>	Built-in real-time clock function

<b>USB</b>	1 USB-2.0 HOST, 1 USB2.0 OTG, 4 expansion USB ports (one of which is shared with the 4G module)
<b>Infrared</b>	Infrared receiver, supporting infrared remote control function
<b>LED</b>	1* Power status LED(green),1* System LED(green, blinking by default)
<b>The keys</b>	1 * upgrade key
<b>A serial port</b>	2 road uart1 road debug
<b>IO</b>	Five I/O input and output controls can be used for key scan control
<b>Power adapter</b>	Input: AC100-240V.50-60HZ, output: DC12V 1.5A (Surge voltage is required to be less than 18V, ripple voltage is required to be less than 100mV)
<b>The operating system</b>	Android 10.0
<b>Audio</b>	MP3,WMA,WAV, APE, FLAC, AAC, OGG,M4A,3GPP and other formats
<b>Video</b>	Support H.265, H.264, VP8, MAV , WMV , AVS , H.263 , MPEG4 and other formats
<b>The picture</b>	Supports JPG, BMP, PNG, and other image formats
<b>The system comes with software</b>	APK INSTALLER, EMAIL, CALCULATOR, BROWSER, RECORDER, CALENDAR, Settings, CLOCK, VIDEO PLAYER, SEARCH, ADDRESS BOOK, GALLERY, DOWNLOAD, Camera, MUSIC, Explorer, etc
<b>Language</b>	Support for multiple languages
<b>The input method</b>	Standard Android keyboard, optional third-party input method
<b>System management</b>	Original Android system, open root authority, can be customized development
	Real-time remote monitoring, self-recovery from system collapse, 7*24 hours unattended
	Supporting ota remote upgrades; Support usb upgrade
	Support startup animation definition
	Supports server/single-machine mode switching
	Supports Wi-Fi hotspots
<b>System watchdog</b>	Support for software watchdog

## Names and Contents of Toxic and Hazardous Substances

Part name	Toxic and hazardous substances or elements					
	Pb	Hg	Cd	Cr <sup>6+</sup>	PBB	PBDE
Display		0	0	0	0	0
Shell	0	0	0	0	×	×
Circuit board assembly *		0	0	0	0	0
Wires	0	0	0	0	0	0
Metal parts	0	0	0	0	0	0
Packaging materials*	0	0	0	0	0	0
Remote control		0	0	0	0	0
Speaker		0	0	0	0	0
Accessories*	0	0	0	0	0	0

\* : Circuit board assembly includes PCB and the electronic elements thereof; Packaging materials include packaging box, styrofoam, etc.; Other accessories include instruction manual.

0: the content of the toxic and hazardous substances or elements in the part is lower than the limit specified in GB/T 26572-2011 standard.

×: the content of the toxic and hazardous substances or elements in the part is higher than the limit specified in GB/T 26572-2011 standard.

The table shows that the machine contains harmful substances inside. The data is provided by material suppliers and verified by the company according to the material type. Some materials contain harmful substances that can't be replaced in present technology. We are dedicated to improving this.

The EFUP of the product is ten  years. The pollution control label is shown on the right. The EFUP is valid only when the user operates in the normal conditions specified in the manual herein.

### **Waste Electrical and Electronic Products Recycling and Disposal Regulations**

To protect the earth, if you do not need this product or its service life expires, please abide by your local **Waste Electrical and Electronic Products Recycling and Disposal Regulations** or send it to qualified local manufacture for recycling.

## **Warning Statement**

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.