
55-inch Portrait Transparent OLED Screen Specifications



name	Transparent OLED screen
model	HZS-5500 BG / HZS-5500 CG
Version	V1.0

1. Features

- **Original imported panel**

Using original imported OLED panel, without backlight, the screen can self-illuminate to achieve deeper and clearer picture quality.

- **Transparent display of virtual and real superpositionS**

Transparent OLED breaks the traditional display form and achieves better transparency and picture quality. With a transparency of up to 38%, it naturally integrates into the modern living space. The collision of virtual and reality allows you to see a different perspective.

- **Clear, bright, full-color display**

AR anti-reflective treatment, clear, transparent and non-reflective images, 107 million colors, full-color display without distortion, presenting more cool elements.

- **Human-computer interaction touch control**

Built-in win10 professional operating system, equipped with high-precision 10-point capacitive touch, you can reach whatever you want with just one touch.

- **High reliability, high stability , long life**

Adopting industrial-grade power supply module, the startup speed is fast , the system is stable and reliable, and it can work uninterruptedly for more than 30,000 hours 7x24 hours .

2. Technical Parameters

	Non-touch models	HZS-5500 BG
	With touch model	HZS-5500 CG
	body color	White (customizable)
LCD panel	size	55"
	Aspect Ratio	9 : 16
	Resolution	1080×1920
	Refresh rate	60Hz
	transparency	38%
	Effective display range	680.4(V) × 1209.6(H)
	Standard colors	1.07B 10 Bit
	Backlight type	OLED self-luminous
	brightness	400 nit /150 nit (center 1 point.typ.)
	Contrast	150000 :1
	Response time	8 ms
	Viewing angle	178
Android parameters	Chip Solution	H811
	CPU	Dual-core A73 + dual-core A53
	GPU	Quad-core MaliG51
	Memory	DDR3 2G (4G)
	storage	EMMC 8G (16)
	System parameters	Operating system: Android 8.0
	Support Network	RJ45 wired network interface, support WiFi, 3G/4G function (optional)
	USB Port	1 USB2.0; 1 USB3.0
	Audio Ports	1-way 3.5mm headphone jack
	HDMI input	1 HDMI2.0 input interface
	Supported audio and video formats	3GP、3G2、AVI、FLV、F4V、OGG、MP4、MOV、TS、M2TS、M2T、MTS、TP、TRP、M2P、MKV、VOB、DAT、M4V、ASF、WEBM、WMV、3GP、MP3、WAV、WMA、MPEG、PCM
	Supported image formats	BMP, JPEG, PNG, GIF
	Supported playback modes	Supports multiple playback modes such as loop, timing, and insert
Windows Parameters (Optional)	system	WIN10
	CPU	I7-8550U
	Memory	8G
	SSD	256G

Touch parameters (Optional)	Touch points	10-point capacitor
	Reaction time	<20ms
	Transmittance	≥82%
	Maximum coordinate range	19396*9600
	positioning accuracy	More than 90% of the touch area is ±1mm
power input	voltage range	AC100~240V, 50/60Hz
	Power consumption	<180 W
working environment	temperature	0°C ~ 50 °C
	Relative humidity	10%~90%
Storage Environment	temperature	-20°C~60°C
	Relative humidity	5%~90%
Dimensions	Overall dimensions (excluding wheels)	1800 × 882 × 505 mm
Installation		Vertical
Case material		Sheet Metal

Note: Windows configuration and touch screen are not included by default, and parameters can be selected or customized according to needs.

3. Function introduction :

Local operation function

Network Settings	Support wired network connection and wireless network connection
Time-sharing setting	Support time-sharing settings for the advertising machine on/off time period and advertising machine volume
Language Switching	Supports switching between Simplified Chinese and English
Watchdog reset	Support abnormal automatic reset
Screen conversion	Support 0° , 90 ° , 180 ° , 270 ° screen switching
System Upgrade	Support system background upgrade and local upgrade
Server Setup	Support manual input of IP to connect to the corresponding server
USB	Support USB insertion to update programs. Programs need to be saved in the " LProgram " folder of the USB flash drive.
mouse	Support mouse operation page

TF card	Support inserting TF card to increase storage space
Automatic page jump	When you are on the main page, if you do not perform any operation for 20 seconds, the screen will automatically jump to the program playback page

Backstage publishing system function

1) Resource Management

Materials can be managed by categories, and operations such as local upload, copy, cut, delete, preview, rename, share, and create new folders can be performed.

2) Content Management

Produce and manage (check release progress, delete, preview, etc.) programs, messages, and broadcast plans.

3) program production

Create programs by adding background, music, weather, video, picture, web page, time, text, mix, stock, exchange rate, map, apk, signal source and other controls; save programs as templates for quick and easy program creation.

4) Interactive program production

Add jumps to pictures, texts, and document controls (you can jump to videos, pictures, and scenes), create interactive programs (such as simulating interactive effects of apps and websites), and realize human-computer interaction.

5) Message Production

Quickly publish real-time broadcast messages to terminals, and set the content, playback time, style attributes, playback position, playback speed, etc. of the broadcast messages.

6) Playback plan

Add multiple programs, set different play times, and publish multiple programs at the same time.

7) Content review

After enabling the content review function in the system settings, the published programs, messages, and broadcast plans need to be reviewed

and approved by an administrator with review authority before they can be successfully sent to the terminal.

8) Terminal Management

Terminal monitoring: monitor terminal screen, view playlist, format terminal program, delete terminal program, restart, shut down, and standby.

Terminal information: modify terminal name, delete terminal, modify terminal organization or group, view terminal details (terminal name, terminal ID, MAC address, organization, geographic location, firmware version, setting version, IP address, resolution, player version, etc.).

Terminal settings: set scheduled power on/off, volume, port, screenshot, online player upgrade, format terminal program, disable/restore terminal.

9) System Management

Functional pages including system settings, agent activation, user management, organization management, system logs, message notifications, etc.

4. Product size:



