

Specifications for 55-inch desktop OLED transparent screen

Reference Image



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1. Introduction :

The OLED transparent screen is an introduction of the world's top LG OLED ultra-thin 1.5mm panel , the manufacturer is South Korea's LG OLED latest display technology, the original imported LG OLED screen, using the most advanced splicing control and high-speed image processing technology of the US PW company, with a built-in independently developed display controller, which realizes high-speed video signal processing, and integrates high-definition, high-brightness and high-color gamut display technology, embedded hardware artificial intelligence technology, image processing technology, signal switching technology, etc., to form a high- transparency , high-definition, low-power consumption, high life, advanced OLED ultra-thin display system.

OLED transparent display is thinner, has a higher color gamut and more precise light control, achieving the ultimate picture quality. The picture is grand, colorful, clear, and has a strong visual impact. It has a good display, demonstration, advertising, and publicity effect; it is easy to install and is not limited by space. OLED display screens are widely used in: stocks and securities, large exhibitions, shopping malls, banks, office halls, company welcome screens, specialty stores, dispatching and command, etc.

2. Characteristics of OLED transparent screen

OLED transparent display screen uses the original imported LG OLED transparent screen, which has the characteristics of high contrast, better color saturation, wider viewing angle, better reliability, stable image without flickering, and longer service life.

★ Thin and light

LG OLED transparent screen used achieves better lightness and picture quality .

★ Perspective

LG OLED transparent screen used has a higher transparency of up to 40% .

High contrast

the LG OLED transparent screen used is more than 10 times higher than that of ordinary LCD screens and twenty times that of general rear projection screens .

★ Better color saturation

The OLED transparent screen uses advanced color calibration technology. In addition to color calibrating still images, it can also calibrate the color of dynamic images, ensuring accurate and stable image output.

★ Wider viewing angle

It uses advanced image adjustment technology, and the full viewing angle can reach 178°.

3. Features and characteristics of

OLED transparent screen :

- Adopting hard screen technology, with large viewing angle, fast response speed and high color reproduction;
- Human-computer interaction function. Adopting nano full-fit capacitive touch, the touch is smoother,
- Dual screen splicing , the picture display is more perfect ;
- 1080*1920 , with more delicate image quality ;
- Ultra-high contrast, the picture display is more vivid and the color performance is more outstanding ;
- Adopting OLED self-luminous mode, the brightness is more uniform ;

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- The viewing angle can reach 178°, close to horizontal;
 - The whole machine is made of metal, which is radiation proof, magnetic field proof and strong electric interference proof.
 - Industrial-grade design, high reliability and high stability;

1. OLED screen characteristics

★ Ultra-thin, transparent , clear, high color gamut

Display thickness: 1.5mm ,
Perspective : 40%
HD resolution 1920X1080,
Display size: 1217.48(H)x693.94(V)mm
Screen weight: 2.4KG
Color depth 10bit(R), 1.07 billion colors

2. Motherboard (standard configuration) features

★ Basic interface

Video output interface HDMI × 1
USB interface USB OTG ×1 USB HOST ×1
3.5MM headphone jack
TF card holder X1
USB3.0×2, RJ45×1
Power input 220V socket

★ Electrical standards

Voltage range: AC100-240V 50/60HZ
Power consumption 230W
Storage environment temperature -15-90% degrees
Working environment temperature 0°-55°C

Additional features

Network settings support wired and wireless network connections
Support network remote background publishing system, real-time change of content and production.
(Optional)
Support remote timer on/off and time setting (optional)
Support remote and local upgrade and repair
Screen image rotation switching 0° 90° 180° 279°
USB watchdog reset uses internal watchdog, abnormal automatic recovery (optional)
External infrared input supports NEC format dedicated remote control (optional)
Built-in infrared human body sensor supports adjustable distance to meet scene applications (optional)

4. Optional function configuration

★ Nanocapacitive touch

Support true multi-touch : 2-10 touch points
Support operating system, automatic wake-up function
High reliability and good fault tolerance
High touch accuracy, 100% touch area

★ Operating system (optional)

Windows system
Optional Windows
Computer configuration
CPU: I5
Storage: 8G 128SSD
System: Win10

Option 2

Android 11.0
CPU Quad-core ARM Cortex A53, 1.5GHZ
Memory DDR4 4GB
Storage 32G
GPU five-core ARM Mail-450
Decoding resolution supports 4K H265 10Bit , H.264 and AVS
Operating system Android 9.1 Information release system
Built-in audio 8 ohm dual 10W stereo speakers
The media format supports mainstream video formats such as MPEG1, MPEG2, MPEG4, H.264, WMV, MKV, TS, flv, etc.;
Supports MP3 and other audio formats; supports JPG, JPEG, BMP, PNG, GIF and other image formats

5. OLED transparent smart screen size diagram

★ Appearance Dimensions

