

# Shengshihean Interactive Flat Panel 55”

## Android 11 4GB/64GB

### 55inch 4K interactive panel



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\*All the parameter information contained in this document is the parameter information of this series of standard models, and does not represent all the parameters and data of this series of products of our company. The actual parameter data shall be subject to the specific model signed with the sales department;

# **1.Product Features**

## **1.1 System:**

- Equipped with Android 6.0 intelligent operating system and unique UI design;
- 4-core 64-bit high-performance CPU, A53x4 architecture, maximum support clock 1.5GHz;;
- High-performance image processing engine: image motion compensation, color enhancement processing, etc.;

## **1.2 Appearance:**

- It adopts simple and fashionable three-level appearance design, front touch output, high-definition input and USB input design, which is convenient for operation;
- High-precision infrared touch frame, touch accuracy up to  $\pm 2\text{mm}$ , touch height 3.0mm, support 20-point touch, high sensitivity;
- The front USB interface supports Android and computer sharing;
- With OPS computer interface, it can be expanded into Android and computer dual system.

## **1.3 Whiteboard writing:**

- Whiteboard writing handwriting with ultra-high-definition resolution, touch diameter up to 2mm, fine pen writing, delicate strokes;
- Support single-point, multi-point writing, pen stroke writing, picture insertion, page addition, gesture erasure, zoom in and out, undo and redo, scan code sharing;
- Any channel and any interface can be annotated and saved;
- The whiteboard selection function is rich, which can be moved, zoomed in and out, copied, changed color, etc.;
- Explosion-proof tempered glass, Mohs 7 hardness, safe and secure, optional AG anti-glare glass for better writing experience;

## **1.4 Intelligent operation:**

- One-click to turn on and off the Android and computer dual systems;
- The external input signal source automatically recognizes and jumps, and the screen switching is easy and convenient;
- The left and right function navigation bar and the left and right side pull function bar

can conveniently and quickly operate common functions;

## 1.5 Conference and business functions:

- Built-in WPS, welcome interface, multi-screen interaction, remote conference and other efficient conference software;
- Built-in 2.4G/5.8G dual WiFi network card, support simultaneous use of WiFi Internet access and WiFi hotspot;
- Multi-screen interaction, support for multiple channels on the same screen, mirroring and reverse control operations, remote photography, video, music, document sharing, picture screenshots, wireless remote control and other functions;
- Customize the boot screen, themes and backgrounds, and the local media player supports automatic classification to meet the needs of different occasions;
- Pulling the function bar on the left and right sides, the gesture call method and the touch control switch can be switched freely, which can turn the conference machine into an advertising display machine or other commercial display products;

## 2.Specifications

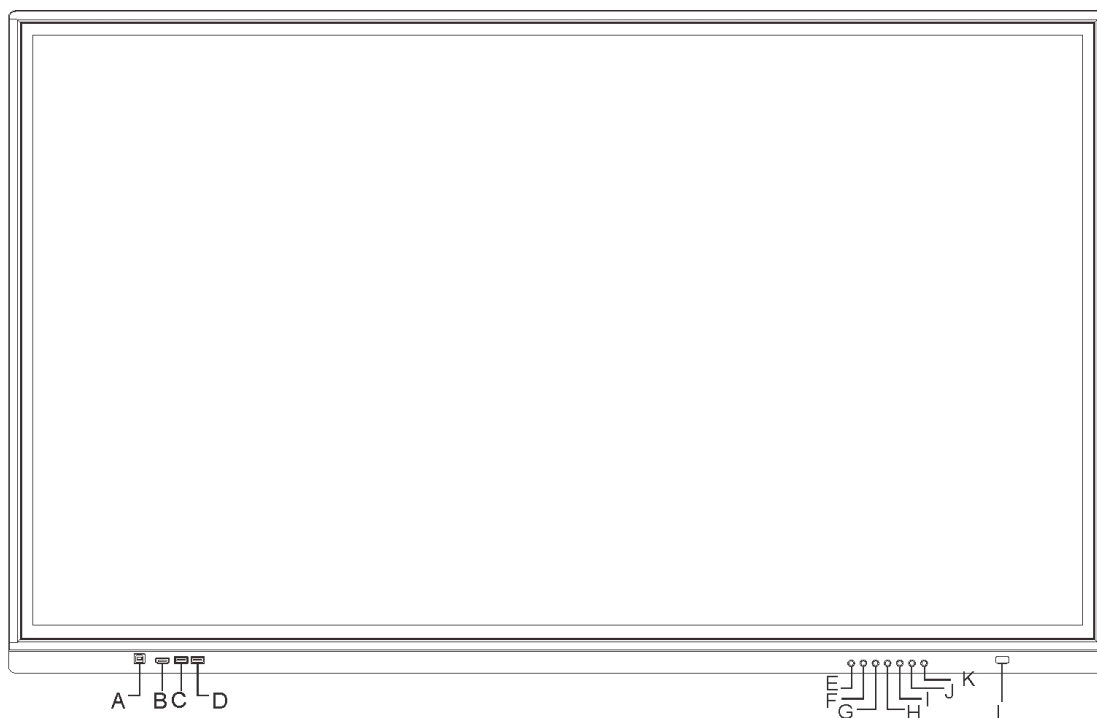
### 2.1 Specification:

panel	Screen size:	55"
	Screen supplier	AUO
	Backlight type	D-LED
	resolving power	3840*2160
	brightness	350cd/m <sup>2</sup>
	Screen contrast	4000:1
	response time	6ms
	Pixel pitch	0.4875 mm x 0.4875 mm
	Frame rate	60 Hz
	visual angle	178° (H) / 178° (V)
	Color saturation (x% NTSC)	72 %
	visible area	1209(horizontal)×680 (vertical) mm
	Chromaticity	1.07B(8bit)

	life	30,000 hrs
system	chip	MSD6A648
	System version	Android 6.0
	CPU + GPU	A53*4 + Mali720
	Memory	2G
	storage	16G
	OSD menu	Simplified Chinese / English
video	television	ATV (PAL, SECAM)
	Video decoding	Image motion denoising, motion adaptive
Power Supply	Voltage	100 V ~ 240 V/AC, 50/60 Hz
	Maximum power (with OPS)	≤ 200W (OPS power is about 65W)
	standby power	<0.5W
	power switch	*1
audio	power	10W (8Ω) * 2
Input / output interface	VGA IN	*1
	PC-AUDIO IN	*1
	RJ45 IN	*1
	Earphone OUT	*1
	RF-IN	*1
	HDMI IN	*3 (including front end)
	USB2.0	*3 (including front end)
	Touch in	*1
	Touch out	*1
	Power (AC) input	*1
environmental factor	working temperature	0℃ ~ 40℃
	Storage temperature	-10℃ ~ 60℃
	Working humidity	20% ~ 80%
	Storage humidity	10% ~ 60%
	Net weight	24KG
	Gross weight	30KG

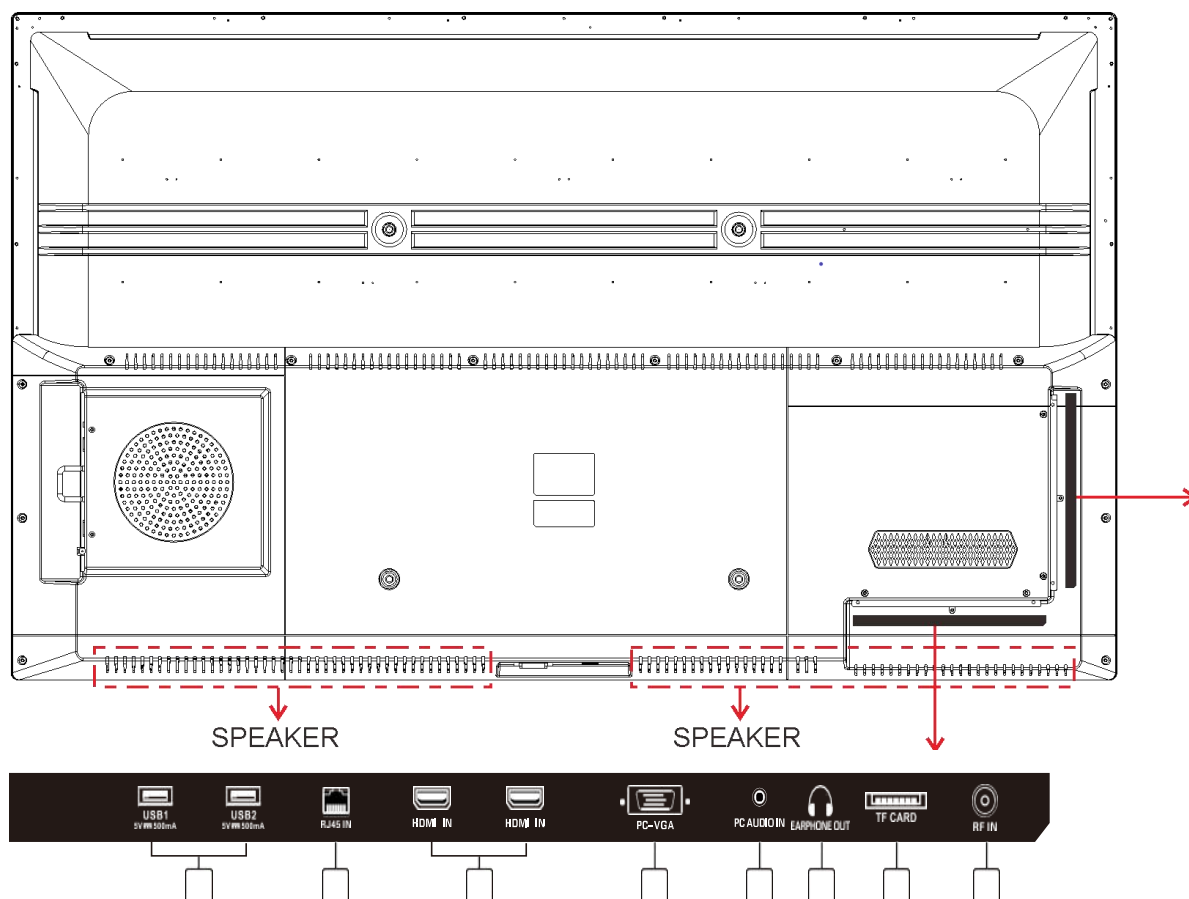
Structure appearance	Bare metal size (L * w * h)	one thousand two hundred and
	Package size (L * w * h)	one thousand four hundred and
	Wall hanging hole position	4-m8 screw hole 400mm * 400mm
	Shell material (face frame / rear	Aluminum profile / plastic
	Shell color (face frame / rear shell)	Black / Black
	OSD menu	Simplified Chinese / English
	Wifi antenna	*3
Attached accessories	Writing pen	*1
	Remote control	*1
	instructions	*1
	Certificate / warranty card	*1
	1.5 Meter power cord	*1
	Wall rack rack (including screws)	*1 (set)
	Smart pen (including receiver)	*1 (optional)
	Wireless screen projector	*1 (optional)
	Camera (720p / 1080p)	*1 (optional)

## 2.2 Description of external functions of the whole machine



A. TOUCH OUT C. USB3.0 E. POWER G. MENU I. VOL- K. CH-

B. HDMI IN D. USB2.0 F. SOURCE H. VOL+ J. CH+ L. IR





1. USB IN 4 . PC VGA IN 7. TF CARD
2. RJ45 IN 5. PC AUDIO IN 8. RF IN
3. HDMI IN 6. EARPHONE OUT

## 3.Touch system

### 3.1 Overview

High precision infrared touch box with resolution up to 32768 by interpolation algorithm×32768;  
Support plug and play; This product can optionally support 20 point.

### 3.2 Specifications

Touch parameters	Touch specification	Infrared touch box
	Glass specification	4mm tempered glass
	response time	<15ms
	Touch accuracy	More than 90% of the touch area is $\pm 2\text{mm}$
Touch parameters	Touch diameter	$\geq 2\text{mm}$
	Input method:	Finger or special pen
	Theoretical hits	Infinite
Interface type	USB 2.0 full speed	
working voltage	DC+5V $\pm 6\%$	
power waste	$\leq 2\text{ W}$	

## 4. Product structure diagram (wall hanging hole 400\*400)





