

Interactive Flat Panel 86inch

Champion Series

Model : DSY-CP86



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* This file contains all the parameter data information. The parameter information of this series of standard models does not represent all the parameters and data of our series. The actual parameter data should be based on the specific model signed with the sales.

Shenzhen DS Technology Co.,LTD

Web: www.newvideowall.com

Address: Room C707,Huifa Garden,Shangsha,Shatou street, Futian District, Shenzhen, 518000,China

Mob: [+86-19876718908](tel:+86-19876718908) (Wechat/WhatsApp)

Email: sales@newvideowall.com

I Product overview

1. System

- Equipped with Android 11 intelligent operating system and unique 4K UI interface design, all interface UI resolution is 4K UHD;
- Eight-core high-performance CPU, A73*4 + A53*4 (4-core + 4-core) 2.28GHz;

2. Appearance and smart touch

- Ultra-slim 12mm frames design, the overall appearance adopts dark iron gray frosted material;
- Support high-speed IR 20 points touch, ±1mm accuracy, 1.0mm touch height, front detachable touch module;
- With OPS slot, support dual system;
- 3 front USB3.0 ports;1front Touch USB ports;1front HDMI port; 1 front type-c ports;
- Front pen absorbing slot, without screw, simple operation;
- Support a network cable for Android and OPS at the same time;
- There're a variety of themes available for change. The countdown on the main interface and famous quotes could be changed at will;
- Once external USB connection, the system automatically enters the USB mode and it can be unlocked by entering the password to better protect the file security;

3. Whiteboard writing

- 4K writing whiteboard, 4K UHD resolution of writing handwriting and delicate strokes;
- High-performance writing software, support single-point and multi-point writing, changing colors between different sized pens, increasing pen writing effect, etc., supporting whiteboard to insert pictures, add pages, gesture board scroll, zoom in, zoom out and roaming, scan code sharing, any channel can be annotated in any interface features;
- The whiteboard page can be infinitely zoomed, and can be undone and restored without any limit;
- AG anti-glare 4MM tempered glass, Mohs 7 hardness, safe and secure, with better writing experience;

4. Conference training

- Built-in WPS, welcome interface, and other efficient meeting software;
- Built-in 2.4G / 5G dual-band, dual network card, supporting simultaneous use of wireless Internet access and WIFI hotspot;
- Wireless mobile device screen projection, supporting multi-channel screens projection, mirroring control, video, music, document sharing other functions;
- External input signal source automatically recognizes and switches, very easy and convenient to switch between screens;

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5. For commercial display

- HD image processing: image motion compensation, color enhancement processing, point-to-point precision display technology;
- Intelligent all-in-one machine, floating five-finger touch screen to follow;
- Customize the startup screen, theme and background. Local media player supports automatic classification to meet the needs of different application;
- Freely switch between the buttons of the sidebar, gestures control and touch control button, to make the machine become an advertising display machine;
- Full-channel output function: output real-time high-definition, stable, and low-latency screen to the expansion device;
- One-key hardware self-test can detect modules such as network, RTC, temperature, light sensor, touch, system memory, OPS and so on.

II. Product Parameter

1. Specification

Screen	Size	86"
	Screen supplier	-
	Backlight type	D-LED
	Resolution	3840*2160
	Brightness	350cd/m ²
	Contrast ratio	4000:1
	Response time	8ms
	Dot pitch	0.4298 mm x 0.4298 mm
	Refresh rate	60 Hz

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	View Angle	178°(H) / 178°(V)
	Saturation (x% NTSC)	72 %
	Display area	1895(H)×1066(V) mm
	Colors	1.07B(8bit)
	Screen life	50,000 hrs
Main board	Chip set	XM.A311D2.A
System properties	OS	Android 11
	CPU architecture	A73*4 + A53*4 (4 Core+4 Core)2.28GHz
	CPU work frequency	2.28GHz
	CPU core	Eight-core
	GPU	Eight-core MaliG52
	RAM	4/8GB DDR4
	ROM	32/64/128 GB Standard
Power parameters	Power supply	100 V ~ 240 V/AC, 50/60 Hz 1.4A
	Standby power consumption	≦0.5W
	OPS power supply	19V(DC)/5A
Function	Speaker power	8Ω/10W*2
	Power switch	*1
Back Port	LAN OUT	*1
	LAN IN	*1
	Type-c IN	*1
	MIC	*1
	RS-232	*1
	Earphone OUT	*1
	SPDIF	*1
	USB TOUCH OUT	*2
	HDMI 2.1 OUT	*1

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	DP IN	*1
	HDMI 2.1 IN (1)	*1
	HDMI 2.0 IN (2)	*1
	USB 3.0	*2
	USB 2.0	*2
Front port	USB 3.0	*3
	HDMI 2.0	*1
	USB Touch	*1
	Type-c	*1
Front button	Power Button On/Off	*1
Environmental factor	Working TEMP	0°C ~ 40°C
	Storage TEMP	-10°C ~ 60°C
	Working humidity	20% ~ 80%
	Storage humidity	10% ~ 60%
	Recommended max usage time(hours*days)	18Hours*7days
Structure	N/W	74.2kg
	G/W	91kg
	Naked machine(L*W*H)	1962.2*1194.1*100.3mm
	Packing dimension (L*W*H)	2095*1320*230mm
	VESA hole site	4-M8 screw hole 600mm*400mm
	Shell material (face frame/back shell)	Aluminum profile/sheet metal
	Shell color (face frame/back shell)	Dark iron gray/black
System language	OSDMenu	Simplified Chinese/Traditional
	WifiAntenna	*4
	Whiteboard pen	*2
	Remote controller	*1

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	User manual	*1
	Quality certificate / warranty card	*1
	1.5m power cable	*1
	Wall mount rack (including screws)	*1 (set)
	Wireless Dongle	*1 (optional)

2. Product display diagram



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III. Touch and write parameter

1. Product description

High-precision infrared touch frame; by interpolation algorithm the resolution can be up to 32768*32768; support plug and play; support 20 points touch.

2. Main parameter

Touch parameter	Touch type	IR
	Glass specifications	4mm anti glare tempered glass
	Response time	≤8ms
	Touch accuracy	90% accuracy of the center area is ±1mm, 10% accuracy of the edge area is ±2.5mm
	Touch diameter	≥2.5mm
	Input method	Finger or pen
	Theoretical touch times	More than 60 million times in the same position
Port type	USB 2.0 Full speed	

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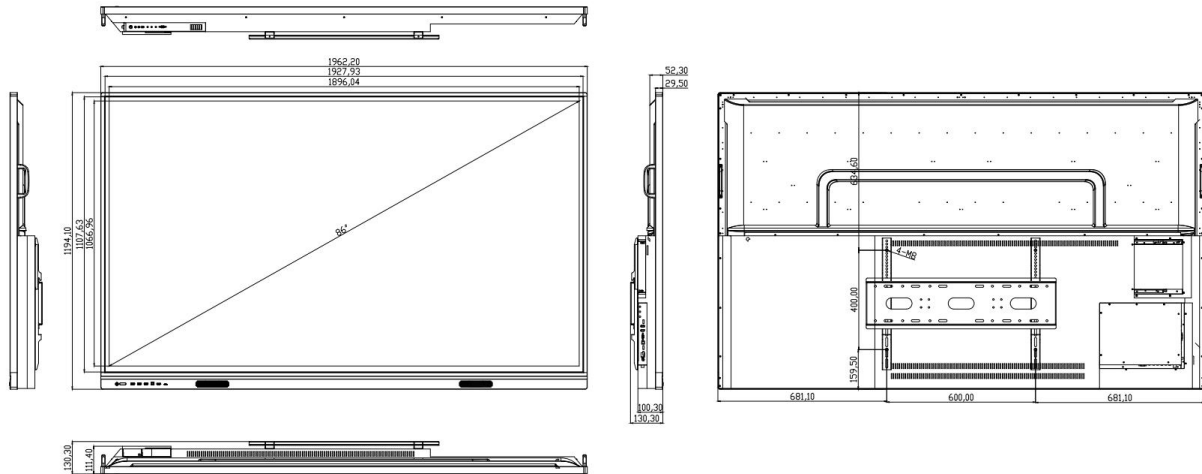
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Power	4.75~5.25V
Consumption	≤ 2 W

Product structure diagram (wall hanging hole 600*400)



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