Infrared Interactive Flat Panel

Inspiration Series 86inch

Model:DSY-ISP86

The picture is only for reference

Product Features

"Zero gap bonding"technology, which eliminates visual bias caused by light refraction. Secure integrated design, aluminum alloy 16.8mm ultra-narrow bezel; front pen storage slot on the face of the machine, easy to place pens.

Android module: built-in flagship high configuration Android operating system, 4K UI point-to-point display, More delicate images; support 8K video decoding, more suitable for remote ultra-clear video conferencing; WiFi and hot spot coexistence; blue light reduction function, eye protection.

The whole machine is designed with removable multimedia terminal mounting slot, supporting **Android and PC OPS module**, no external connection cable, easy maintenance;

Intelligent identification of signal sources: the device automatically switches to the channel when signal input; USB3.0, ultra-high definition camera, transmission without delay; front USB3.0 can follow automatically under OPS or Android channel. HDMI2.0 out 4K point-to-point output under any channel; Free to set the boot channel; After opening USB permission, lock the USB port, when inserting the U disk, you need to entering the password to open the USB drive.

Black screen energy-saving function: the LCD backlight can be turned off with one key without turning off the power of the whole machine, it can save above 80% of power consumption of the whole machine.

Support screen projection of all systems of mobile phone, PC, tablet , you can project the screen of mobile phone, PC, tablet screen to the big screen in real time through the software, support the maximum nine split screen, support extended desktop function, support the PPT speaker mode.

Screen down: slide three fingers down in the channel screen to move the channel screen down a certain height, the content of the channel screen remains normal touch when the screen is moved down

Five Core Features

- **Android 11 System**

  Super CPU configuration; 1000M global Internet, support one LAN cable for dual internet access; full channel support Touch USB follow.

- **Active "smart" pen**

  High quality, beautiful appearance intelligent pen, Shortcut key customization, multi-system compatibility, arbitrary switch, delicate writing, PPT presentation, mouse/laser red dot/magnifying glass/spotlight intelligent motion sensing.

- **Multiple meetings**

  1000M network, video meeting fluent transmission; support 8K video decoding, make remote video meeting easy and convenient; local meeting with comments and sharing, file content can be automatically classified.

- **Ultra - clear display**

  The 4K UI image shows the charm of feeling details. The handwriting is delicate, clear and non-jagged.
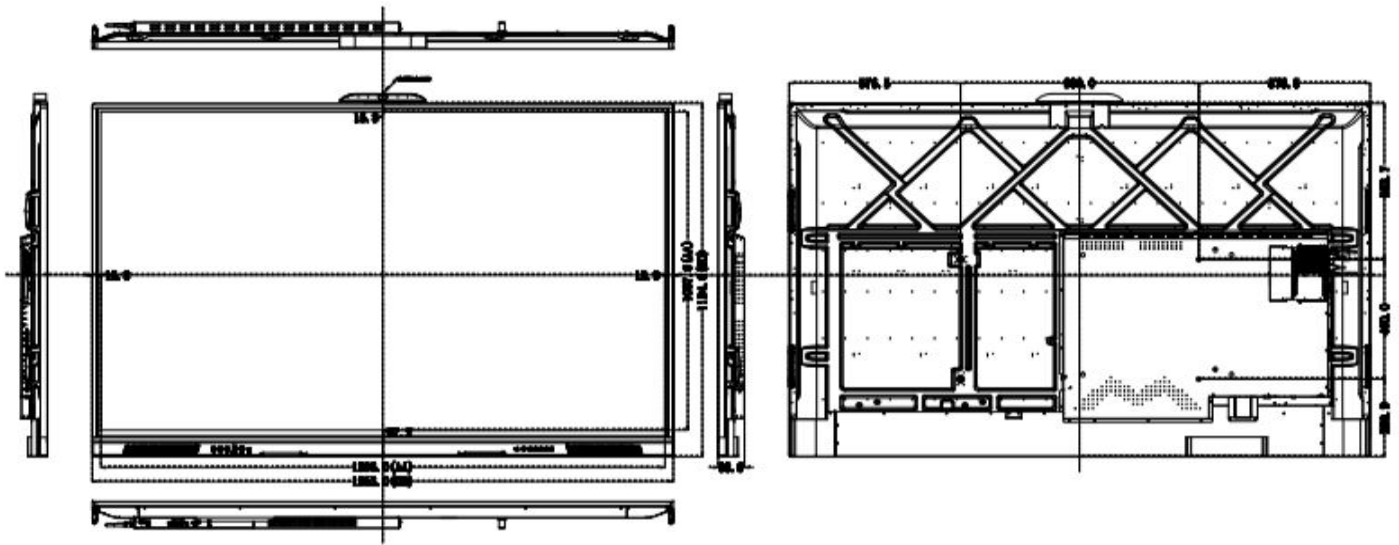
- **Write at random**

  1mm high-precision touch; support 20-point touch, 3mm writing depth, double pen tip thickness recognition, writing with handwriting. Single-point writing supports two-point zoom-out, zoom-in, drag and switch freely.

Product Parameters

Specification	Type		Parameters
Panel	LCD size		86"
	Panel standard		A　Level
	Light source		LED
	Resolution		3840 x 2160pixels
	Brightness		400cd/m²(typ.)
	Contrast ration		1100:1,1200:1,4000:1,5000:1(typ.)
	Pixel pitch		0.4935 (W) x 0.4935(H)
	Frequency		60Hz
	Viewing Angle		178°(H)/178°(V)
	Life span		30,000hrs(min.)
	Response time		8ms
	Color saturation		70%
	Visual area		1650.24(H) x928.26(V)　(mm)
	Display Colors		1.07B (8-bit + Hi-FRC)
Android System	Processor	CPU	A73*4 + A53*4 (4 Core+4 Core)
		GPU	G52*8(8 Core)
		Working frequency	2.28GHZ
		Number of cores	8 Cores
	Memory		DDR4: 4GB/eMMC:32GB
	System version		Android 11.0
	Chip solution		Amlogic A311D2
	WiFi		2.4G/5G
	Bluetooth		5.0
Power	Voltage		Rated AC 100-240V~Max 90-264V~50/60Hz
	Max. power consumption		TBD
	Standby power consumption		TBD
	Speaker		2 x 15W(max)
	Power supply (AC) input		100-240V
	Power switch		Rocker Switch
Environment	Working temperature		0℃ ~ 40℃
	Storage temperature		-20℃ ~ 60℃
	Working humidity		10% ~ 90% No condensation
Input Interface	RS232		1
	TYPE-C		1
	Rj45 IN		1
	DP TOUCH		1
	DP		1
	HDMI　IN		2
	HDMI TOUCH		1
	MIC IN		1
	USB2.0		2
	USB3.0		2
Output Interface	RJ45 OUT		1
	HDMI OUT		1
	Earphone/Line-out		1
	Coax OUT		1

Specification	Type	Parameters
OPS(Optional)	USB	USB2.0 x 2;USB3.0 x 2
	LAN Interface	1
	HDMI OUT	1
	LINE-OUT	1
	MIC-IN	1
OPS DC	12V-18V 5A	60W
Key	6 keys with IR reception	Sensor/IR/POWER/Source/Home/Record/ChiLock/Settings
Front Interface	USB3.0	3
	TYPE-C	1
	FRONT HDMI	1
	HDMI IN	1
Structure	Net weight	TBD
	Gross weight	TBD
	Bare dimension	1953*1184.6*88.8mm
	Packing	2120*220*1325mm
	Shell material	Aluminum alloy frame, sheet metal back cover
	Shell color	Black
	Width of frame	16.8/67.2/16.8/16.8mm
	VESA hole site	4-M8 Screw hole 600*400mm
Language	OSD	CN,EN etc
Touch parameter	Touch specifications	Non-contact infrared sensing technology, support 20 points writing
	Glass	4MM, Physical tempered Mohs level 7
	Glass	＞88%
	Frame material	Aluminum alloy frame，PCBA
	Touch accuracy	≤1mm
	Touch depth	3±0.5mm
	Input mode	Opaque object (finger, pen, etc)
	Theoretical hits	Same position 60 million times above
	Light resistance	Incandescent lamp (220V, 100W), with a vertical distance of more than 350mm and solar Illumination from sunlight up to 90,000 Lux
	Power supply	USB(USB power supply）
	Supply voltage	DC 5.0±5%
Accessories	Remoter	1
	Power cord	1（1.5M)
	Dual-head stylus	1
	Operation	1（A4 Folding)
	Built-in	1
	Battery	1(pair)

Product Six Views

*※ Disclaimer

1. Affected by product configuration and manufacturing process, the actual machine size/body weight may be vary, please refer to the actual product.

2. The product pictures in this specification are for illustration only, the actual product effects (including but not limited to appearance, color, size) may be slightly different, please refer to the actual product.

3. In order to provide accurate specifications as much as possible, the text description and picture effects of this specification may be adjusted and revised in real time to match the actual product performance, specifications and other information.

In the event that the above-mentioned modifications and adjustments are indeed necessary, no special notice will be given.