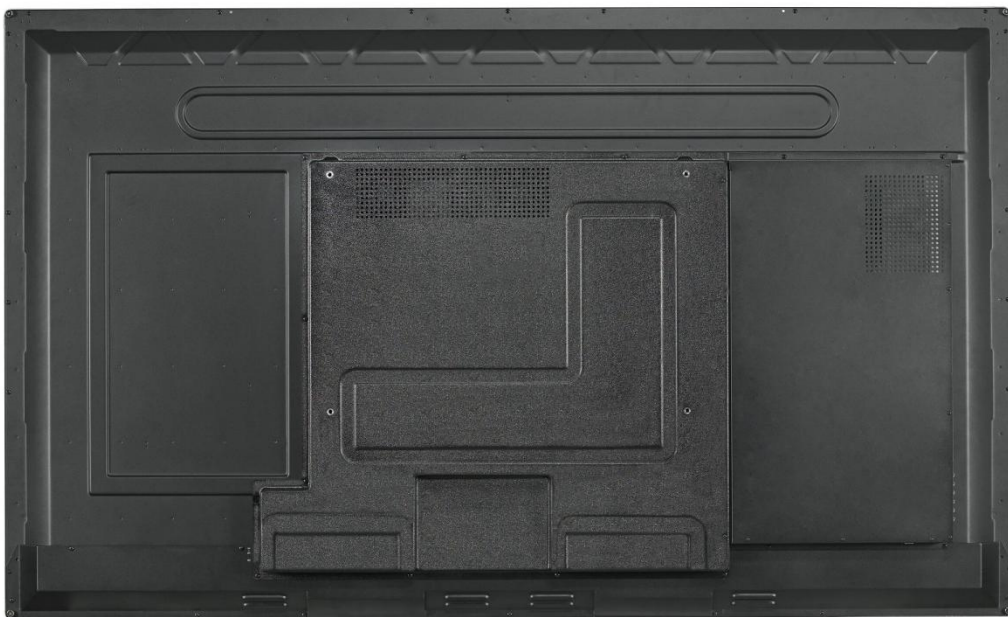


DreamVision 86inch interactive \ hōtouch screen
3840 x 2160, Real 4K display and Built-in Android
or Windows 10 pc



Chapter 1: Specification Abstract

1.1 Specification overview

Type	Item	Parameter	
Panel	LCD Size	85.6"	
	Panel purchase inspection standard	TBD	
	Illuminant	LED Backlight	
	Panel usage	TV	
	Resolution	3840*2160 (pixels)	
	Brightness (typ)/(min)	400cd/m ² (typ.)	
	Contrast ratio (typ)/(min)	1200:1 (typ.)	
	Response time (typ)/(min)	8ms (typ.)	
	Pixel distance	0.4935mm*0.4935mm	
	Frame frequency	60 Hz	
	Visual angle	178 °(H) / 178 °(V)	
	Service time (typ)/(min)	30,000 hrs	
	Chroma (x% NTSC)	72%	
	Viewable area	1895.04mm x 1065.96mm	
	Hue	1.07Billion(10bit)	
Solution	Scalar	MSD6A828	
System configuration	CPU	Architecture	ARM Cortex A53
		Operating frequency	1.4GHz
		Core	Quad-core
	GPU	Mali-450	
	RAM	2GB	
	ROM	8GB	
	Operating System	Android 5.0	
Power supply	Voltage	100 V ~ 240 V, 50-60 Hz	
	Max Wattage	<320W	
	Standby Wattage	≤0.5W	
Environment	Operating temperature	0°C ~ 40°C	
	Storage temperature	-10°C ~ 60°C	
	Storage humidity	10% ~ 60% RH Non-Condensing	
	Operating humidity	20% ~ 80% RH Non-Condensing	
	Display mode	Standard, User, Soft, bright	
	Service time(hour/day)	24 hours	

Function	Inner Speakers	10W * 2
	Input power	*1
	Power switch	*1
	Support 8/10bit LVDS(3840*2160)HD display , true color OSD humanized Operating menu, with complete factory set mode and Android 5.0 etc.	

Input /output interface	HDMI Input	*5
	HDMI Output	*1
	LAN	*1
	EARPHONE Output	*1
	SPDIF	*1
	OPS	*1
	MEDIA-USB	*1
	SWITCHED USB	*1
	TOUCH-USB	*5
	AV-OUT	*1
	AV-IN	*1
	VGA and PC-AUDIO	*1
	YPBPR	*1
	USB2.0	*1
	USB3.0	*2
Remote control	RS232	RS232-IN*1; RS232-OUT*1
Structure	Net weight	89.2±1.5Kg
	Gross weight	116.6±1.5Kg
	Bare dimension (W x D x H)	1977.2*1189.8*97mm
	Package dimension(W x D x H)	2200x360x1490mm
	Housing material (Frame/rear)	Aluminum/Plastic
	Housing color (Frame/rear)	Black/Black
	Frame size(T/B/L/R)	26.5 / 26.5 / 26.5 / 26.5 mm
	VESA	4-M8 screw 600mm*400mm
Language	OSD	English/Chinese etc.
Attachment	Remote-controller	*1
	Power wire	*1
	Touch pen	*2
	Wall-mounted brackets	*1
	Certification	*1
	Manual	*1
	Guarantee card	*1

1.2 Product diagram

Details are as below

1.3 Electrical interface specification

Front(bottom left): EARPHONE\MIC\PC-USB\MEDIA-USB\TC-USB\HDMI

Back(left): HDMI1 \ HDMI2 \ HDMI3 \ HDMI-OUT \ LAN \ HDMI4 \VGA\PC-AUDIO

Back(Bottom left): AV-OUT\YPBPR\AV-IN\USB3.0 \ USB3.0 \ USB2.0 \ EARPHONE \ SPDIF
\TOUCH-USB1 \ TOUCH-USB2 \TOUCH-USB3 \ TOUCH-USB4 \
SWITCHED USB \ RS232-IN \ RS232-OUT

Chapter 2: Specification of the touch board

2.1 Product overview:

High precision IR touch board, support plug and play; resolution can reach 32767×32767 via interpolation algorithm; Support 10 points touch;

2.2 Main specs

Touch specs	Touch type	IR touch overlay
	Glass	4mm tough glass
	Light transmittance	> 88% (high transmittance depends on surface treatment technology like AR/AG)
	Interpolation Resolution	32767 × 32767
	Response time	11ms
	Touch precision	More than 90% area are ±2mm
	Output mode	Coordinate output
	Theoretical click	Unlimited
	Touch diameter	6mm
	Light resistance	Support

2.3 Electrical function

Interface type	USB2.0 Full speed
Power supply voltage	DC+5V±6%
Power consumption	≤2W
More function	Serial port
Static level	EN 6100-4-2 2008: grade 3 ; Air discharge 8KV ; Contact discharge 4KV

2.4 Operating system and software

Upgrade method	Windows 7 and Windows XP support USB upgrade
Multi touch system	Windows 7/8/10, Windows 7 Professional, Windows 7 Home Premium, Android(need service pack), above must have multi touch function, they must be The original system, otherwise influent touch function.
Single touch system	Windows 7 /Windows XP/Vista/Linux/Mac OS/Android/Wince