



## High End Interactive Technology

CLASS ROOMS | TRAINING ROOMS | BOARD ROOMS

LG Panel inside



Wireless



Finger  
Touch



Pen  
Touch



Tough  
Screen



Windows



# SPECIFICATION

Screen Panel				
Sizes	65inch	75 inch	86inch	98"
Panel Supplier	COST/BOE	LG/COST/BOE	LG	LG/COST/BOE
Screen Panel Type	D-LED Panel	D-LED Panel	D-LED Panel	D-LED Panel
Resolution	3840*2160	3840*2160	3840 x 2160	3840 x 2160
Display Area	1428.48×803.52mm	1649.66×927.94mm	1895.04×1065.96mm	2160.5×1217.3mm
Brightness (type)	350 cd/m <sup>2</sup>	350 cd/m <sup>2</sup>	350 cd/m <sup>2</sup> nits (typ.)	400cd/m <sup>2</sup> (typ.)
Contrast	1200:1	1200:1	1200:1	1200:1
Refresh Rate	60Hz	60Hz	60Hz	60Hz
Pixel (mm)(H/V)	0.372×0.372mm	0.429×0.429mm	0.4935×0.4935mm	0.5622×0.5622mm
Display Rate	16:9	16:9	16:9	16:9
Reviewing Angle	178°	178°	178°	178 °(H) / 178 °(V)
%NTSC	>72% NTSC (Standard)	>72% NTSC (Standard)	>72% NTSC (Standard)	>72% NTSC (Standard)
Colorful	10bit,10.7B	10bit,10.7B	1.07B (10bit)	1.07B (10bit) (V)
HDR	Support	Support	Support	Support
Response time	<8ms	<8ms 8ms	8ms	5ms
Lifetime	Above 50,000h	Above 50,000h	50,000 hrs (min.)	30,000 hrs (min.)
Sound & Network & Light System				
Speaker	Standard: 2*15W, Frequency range: 50HZ-20KHZ			
Video Input	PC-RGB@ up to 1920x1080@60Hz, HDMI Max 3840x2160P, HDCP Version 2.2			
Audio Input / Output	PC Audio Input, Power amplifier 2.0 channel, 8 Ω, power ≤ 2 X 16W THD+N<10%@1KHz			
Network	10/100M auto-identification and DHCP			
WIFI & Bluetooth	WIFI IEEE802.11a/b/g/n/ac/ax + Bluetooth5.0			
Light Sensor	Built-in Light sensor system, which can auto-adjust the screen brightness			
Android System				
Android OS	Andriod 11.0 OS	Andriod 11.0 OS	Andriod 11.0 OS	Andriod 11.0 OS
Android CPU	64-bit Quad-core ARM Cortex-A55 CPU, Max.1.9GHz; ARM Mali-G52 MP2 (2EE) GPU, 900MHz			
Flash Nandi EMMC	32GB /128GB	32GB /128GB	32GB /128GB	32GB /128GB
RAM DDR3	4GB /8GB	4GB /8GB	4GB /8GB	4GB /8GB
Input Resolution	1920*1080/30HZ, 3840*2160/60HZ			
Front Frame	1* HDMI, 2*USB3.0, 1* TOUCH-USB , 1*Type-C			
Input	MIC INx1, RJ45x1, AUDIO IN x1, HDMIX2, RS232x1, USB 2.0x1, USB3.0 x1, WIFI X2, OPS PC SLOT 80PIN x1			
Output	LINE OUTx1 OPTICAL OUTx1, Touch USBx1,			
Front Button	Power; Light Sensor (Pin hole) , Remote (Pin Hole)			
Software under Andriod OS				
Whiteboard App	Writing: Stroke effect ; dual colors write with small/big pen nibs; chart drawing to realize automatic recognition of the graphic ; background setting, write sizes & color swtich, eraser tools, gesture eraser, co-authoring Support insert tables, graphics, pictures, documents, multimedia, support move, copy, delete the target, supports sticky notes and quick entry (voting device, quick file transfer), whiteboard save in CWB, PDF, JPG scan QR share to take away the whiteboard content,			
Intelligent Gesture Recongnization	Intelligent gesture recognize, include gesture erase, zoom in/out ... etc.			
Application Tools	blackboard, Annotation, Touch Lock, Countdown, stopwatch, Record, Freezing, Screenshot, Split Screens, Vote, Camera, Camera, file quick transfer, Calendar ... , Web APP Vote function: the voting results support the display of bar charts and pie charts, and the voting results can be inserted into the whiteboard and taken away by scanning the code Screenshot: support 8 edit points to adjust the screenshot area Spider centralized control: View device status, obtain device information, and remotely control the device			
Projection Screens (Option)	Software Projection - compatible with Android OS, IOS , support 4users at same time (Standard) The dongle Projection -compatible with Windows OS, Android OS, IOS , support share keys, support 4users at same time (Standard); and 9 users (20 points connection) option			
Google App	Compatiable	Compatiable	Compatiable	Compatiable
Teleconferencing (Option)	a remote conference software that supports users to use mobile phones, laptops and conference boards to remotely connect for audio and video, video conference.Support native conference, auto-framing, acoustic baffle , speaker tracking ... etc			
Video Camera & Microphone (Optional)				
Lens of Camera	Built-in 13MP/48MP Megapixels on the top of the frame			
Resolution	MAX resolution: 3840*3024(4K) / 2048*1536(30fps), 2592*1944(30fps) ,3840*2160 (30fps), 4000*3000 (30fps), 8000*6000 (5fps)			
Focus	Auto-focus, plug play			
Front of Viewing (FOV)	120°			
Array Microphone	Built-in 8-array Microphone. Signal to noise ratio 74dB, Sensitivity -28±1db Sound Pickup distance: 6 / 12 meters; AI smart chips, support Echo Cancellation, Beamforming, Environmental noise suppression , De-reverb, Sound source localization. Vocal Enhancement, face tracking			

Touch Technology				
Touch Technology	Infrared touch technology with high accuracy , finger or any object touch			
Touch Glass	4mm tempered glass with Anti-glared treatment, hardness>7H			
Touch Points	20 touch points, 10point writing, and at most support 4 pen writing at the same time			
Touch Method	Infrared magnetical sensor, Finger or Pens, any objects			
Touch Accuracy	1mm +/-			
Resolution	4096*4096/16384*16384/32768*32768			
Response time -single point	<=7ms			
Touch refersh rate	>=140fps			
Touch interface	USB			
Support OS	Support WINDOWS /LINUX /MAC /Android			
Touch objects	≥Φ2.5mm			
Touch times	above 6000millions times at same point			
Power Supply				
Power	AC(100-240)V~50/60HZ			
Power Consumption	180W; Standby<0.5W	320W; Standby<0.5W	410W; Standby<0.5W	516W; Standby<0.5W
Environments				
Temperature	Working Temperature: 0°C to 40°C ; Storage Temperature :-20°C to 60°C;			
Humidity	10%-90% RH at 40°C, non-condensing			
Working Time	support 24/7 hours working			
Others				
The shell	Black/ Deep blue /Grey bezel/ Aluminum alloy frame with Oxiation drawing treatment / metal shell of backside			
Accessories	Touch Pen x2, HDMI Cable x1, USB Cable x1, Power Cable x1, Remote Control x1, Wall Mount x1			
Product Dimension	1493 *908*87.92mm	1714.80*1032.5*87.8mm	1961.20*1171.9*87.8mm	2220.04*1326.3*96.55mm
Package Dimension	1595*1100*200mm	1820*1130*240mm	2060*1370*200mm	2370*1440*320mm
Net Weight	46Kg±1Kg	62Kg±1Kg	74.5Kg±1Kg	93Kg±1Kg
Gross Weight	60Kg±1.5Kg	82.3Kg±1.5Kg	95.5Kg±1.5Kg	115Kg±1.5Kg
Quality Compliance	CE, ROHS, ISO			