

Interactive Smart Whiteboard

Camera built-in

- Android 11.0 OS 4/8GB + 32//64/ 128GB

((CPU: A73*4 + A53*4, 8 cores, 2.28GHz)



Specification

Screen Panel					
Sizes	65inch	75inch	85/86inch	98"	110"
Panel Supplier	COST/BOE	LG/COST/BOE	LG/COST/BOE	LG/COST/BOE	LG/COST/BOE
Screen Panel Type	D-LED/ IPS Screen	D-LED/ IPS Screen	D-LED/ IPS Screen	D-LED/ IPS Screen	D-LED/ IPS Screen
Screen lamination	Zero bonding	Zero bonding	Zero bonding	Zero bonding	Zero bonding
Resolution	3840*2160	3840*2160	3840 x 2160	3840 x 2160	3840 x 2160
Display Area	1428.5*803.5 mm	1649.66*927.94mm	1895.04 x 1065.96	2158.848*1214.352	2436.48*1370.52
Brightness (type)	>350 cd/m ²	>350 cd/m ²	>400 cd/m ² nits (typ.)	>400cd/m ² (typ.)	>350cd/m ² (typ.)
Contrast	4000:1 / 1200:1 (IPS)	4000:1 / 1200:1 (IPS)	4000:1 / 1200:1 (IPS)	4000:1 / 1200:1 (IPS)	4000:1 / 1200:1 (IPS)
Refresh Rate	60Hz	60Hz	60Hz	60Hz	60Hz
Pixel (mm)(H/V)	0.372*0.372 [68PPI]	0.4296*0.4296[59PPI]	0.4875*0.4875[52PPI]	0.5622*0.5622 [45PPI]	0.4935*0.4935mm
Display Rate	16:9	16:9	16:9	16:9	16:9
Reviewing Angle	178°	178°	178°	178 °(H) / 178 °(V)	178 °(H) / 178 °(V)
%NTSC	>72% NTSC (Standard)	>72% NTSC (Standard)	>72% NTSC (Standard)	>72% NTSC (Standard)	>72% NTSC (Standard)
	90% NTSC (Option)	90% NTSC (Option)	90% NTSC (Option)	90% NTSC (Option)	90% NTSC (Option)
Colorful	10bit,10.7B	10bit,10.7B	1.07B (10bit)	1.07B (10bit) (V)	1.07B (10bit) (V)
HDR	Support	Support	Support	Support	Support
Response time	<8ms	8ms	8ms	5ms	5ms
Lifetime	Above 50,000h	Above 50,000h	50,000 hrs (min.)	30,000 hrs (min.)	30,000 hrs (min.)

Sound & Network & Light System

Speaker	Standard: 2*15W, Frequency range: 50HZ-20KHZ Option: 2.1 Channel, 2x15W + 1x20W; Frequency range : Output: 100HZ-20KHZ
Video Input/Output	HDMI / HDCP Version: 1080p,4K, 2K; DP: Max 3840x2160@60Hz; PC-RGB: Max 1920x1080@60Hz
Audio	PC-RGB, AV L/R Input 0.2~2.0VRMS
Network	100Hz~15K Hz @±3dB(1KHz, -12dB reference signal)
WIFI	Network: 10/100M auto-identification and DHCP
Bluetooth	IEEE 802.11a/b/g/n/ac 2.4GHz/5GHz 2T2R WIFI
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	Andriod 11.0 OS
Android CPU	CPU: A73*4 + A53*4 (4 cores + 4 cores), 2.28GHz; GPU: G52*8 (8 cores)				
Flash Nandi EMMC	32GB / 64GB/ 128GB	32GB / 64GB/ 128GB	32GB / 64GB/ 128GB	32GB / 64GB/ 128GB	32GB / 64GB/ 128GB
RAM DDR3	4GB / 8GB	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	1x VGA, 1x PC Audio IN, 1xDP, 2x HDMI, 1x TYPE-C, 2x USB3.0, 2x RJ45, 1*WIFI (2.4G/5.0G), 1*OPS PC SLOT 80PIN				
Output	1x TOUCH-USB3.0 OUT, 1x EarPhone/Line OUT, 1x COAX OUT, 1x HDMI OUT				
Front Button	Buttons: Power, Home, Return; Setting, V-, V+; 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 switch, 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
	scann 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, 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
Projection Screens (Opton)	Spider centralized control: View device status, obtain device information, and remotely control the device
	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



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Google App	Compatiable	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 (Option)					
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 Accuracy	1mm +/-	1mm +/-	1mm +/-	1mm +/-	1mm +/-
Resolution	4096*4096/16384*16384/32768*32768				
Response time -single point	<=7ms	<=7ms	<=7ms	<=7ms	<=7ms
Touch referesh rate	>=140fps	>=140fps	>=140fps	>=140fps	>=140fps
Touch interface	USB	USB	USB	USB	USB
Support OS	Support WINDOWS /LINUX /MAC /Android				
Touch objects	≥Φ2.5mm	≥Φ2.5mm	≥Φ2.5mm	≥Φ2.5mm	≥Φ2.5mm
Touch times	above 6000millions times at same point				
Power Supply					
Power	AC(100-240)V ~ 50/60HZ				
Power Consumption	225W; Standby<0.5W	335W; Standby<0.5W	450W; Standby<0.5W	650W; Standby<0.5W	760W; 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	Deep 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				
Product Diension	1483.8 *898*91mm	1706*1022*91.2mm	1958.8*1154.4*91.2mm	2216*1314.5.1*95.5mm	2499.6(x1474.2x95.5mm
Package Dimension	1590*1110*200mm	1820*1240*200mm	2060*1370*200mm	2362*1533*210mm	2620x1610x210mm
Net Weight	45Kg±1Kg	58Kg±1Kg	80Kg±1Kg	92Kg±1Kg	115Kg±1Kg
Gross Weight	56Kg±1.5Kg	68Kg±1.5Kg	93Kg±1.5Kg	110Kg±1.5Kg	149Kg±1.5Kg
Quality Compliance	CE, ROHS, ISO				