

LED All-in-One Machine A1



A1 Series

≡ Product Features:

- Android operating system, equipped with high-performance chips, Cortex A73*2+A53*2.
- MaliG51 *4 image processor, HD input resolution up to 3840*2160@60 Hz.
- Standard 4G/32G running storage, fast response, smooth running and stable operation.
- The machine is made of die-cast aluminum to ensure the flatness of physical splicing; the segmented aluminum rear cover and frame are designed with thin machine and ultra-narrow frame, and the whole is simple.
- It uses convenient wall hanging and movable hanging with adjustable bracket height, easy installation and full front maintenance.
- The user can start the machine with one key without debugging and training.
- It supports multi-device access and flexible collocation to realize various local and remote voice and video conference scenarios for users.
- Wireless screen projection, free share. It supports one-button wireless screen projection of mobile phones, tablets and laptops, realizes simultaneous transmission of up to 4 pictures, allowing users to get rid of the traditional repeated plugging and wiring work and communicate more freely; In terms of HD display with 16:9 width to height ratio, advanced print and high gray level with exquisite picture, users are no longer disturbed by the light in the meeting room.
- It has passed international CE/CB/EAC/BIS energy-saving certification testing.
- It is applicable to various conference application scenarios, business office, enterprise training, marketing display, remote collaboration, etc

Specifications

Model	A1-108	A1-135	A1-162
Basic			
Display Size (inch)	108	135	162
Dot Spacing (mm)	1.25	1.5625	1.875
Visible Area (m ²)	3.24	5.06	7.29
Overall Dimensions (W x H) (mm)	2412 x 1418.1	3012 x 1755.5	3612 x 2093
Screen Resolution (W x H)	1920 x 1080	1920 x 1080	1920 x 1080
Pixel Density (dot/m ²)	640000	409802	284444
Box Flatness (mm)	≤ 0.15	≤ 0.15	≤ 0.15
Maintenance Method	Full front maintenance	Full front maintenance	Full front maintenance
IP Protection Level	IP50	IP50	IP50
Total Weight (Kg)	88	138	192
Box Material	Die-Cast Aluminum	Die-Cast Aluminum	Die-Cast Aluminum
Border Material / Color	Profile/Black	Profile/Black	Profile/Black
Optics			
Encapsulated Type	SMD1010	SMD1010/SMD1212	SMD1515
Single-point Luma Correction	Support	Support	Support
Single-point Color Correction	Support	Support	Support
Brightness of White Balance (cd/m ²)	400 (adjustable)	400 (adjustable)	400 (adjustable)
Gray Scale (bit)	14	14	14
Screen Contrast	5000:1	5000:1	5000:1
Color Temperature (K)	6500~9300	6500~9300	6500~9300
Horizontal/vertical Viewing Angle (°/ degrees)	160/160	160/160	160/160
Luminous Point Center Distance Difference	≤ 2%	≤ 2%	≤ 2%
Uniformity of Luminance	≥ 98%	≥ 98%	≥ 98%
Uniformity of Chromaticity	Within ±0.003Cx, Cy	Within ±0.003Cx, Cy	Within ±0.003Cx, Cy
Life of Tamps (Hrs)	100000	100000	100000
Repetition Frequency (Hz)	50/60	50/60	50/60
Refresh Rate (Hz)	3840	3840	3840
Mainboard			
Operating System	Standard Android 8.0		
CPU	Quad-core processing		
GPU	MaliG51 *4		
Running Architecture	Cortex A73*2+A53*2		
Memory/Storage	Standard 4G/32G		
Interface	HDMI inx3/ USB3.0x1/ USB2.0x2/SPDIF out x1/ Debug x1 /RS232 x1/RJ45 x1/Audio 3.5 x1		
Ethernet	Adaptive 100M/1000M Ethernet		
WiFi	Built-in dual WIFI, 2.4 GHz/5GHz		
Hotspot	Dual-band antenna		
Bluetooth	unsupported		
Remote Control Operation	Support		
Timing On/Off	Support		
Sound			
Sound Brand	Yamaha		
Rated Power (W)	30		
Standby Power (W)	0.2 (HDMI control off, network standby off), 0.6 (HDMI control on, network standby off)		
Interface	HDMIx1 Input/HDMIx1 Output/Digital Fiber/ARC Backhaul/Subwoofer Output		
Surround	Supports DTS decoding, Dolby stereo panoramic surround		
Voice Quality Enhancement	Support (Bluetooth Transmission)		
Control	Support Sound Bar Controller software control/remote control/panel key operation		
Weight	3.4KG		
Overall Dimensions (L x W x H) (mm)	890 x 131 x 53		
Others			
Operating Voltage	AC 100 V ~ 240 V, 50/60Hz		
Peak Power Consumption (W)	1320	1655	1540
Average Power Consumption (W)	440	550	513
Installation Method	Wall Hanging, Mobile Bracket		
Product Accessories			
Power Line for the whole machine	*1 standard		
Front Maintenance Tools (pcs)	*1 standard		
Remote Control (pcs)	Mainboard Remote Control *1 standard, Sound Remote Control *1 standard		
Wall Hanging (set)	*1 standard		
Mobile Bracket	*1 optional		
Sound (set)	*1 optional		
Environmental Conditions			
Operating Temperature	-10°C ~ 40°C; storage temperature -20°C ~ 60°C		
Operating Humidity	10% ~ 80% non-condensation; storage temperature: 10% ~ 85% non-condensation		
Operating Altitude	≤5000m		