LED Video Wall

Ultrathin	Seamless
High Brightness	Wide Viewing

ULTRATHIN

High strength Mild-steel Cabinet, the thickness can be merely 10cm.

WIDE VIEWING

Wide viewing angle is provided for offering a strong Visual impact.

SEAMLESS DISPLAY

Real seamless display with simple splicing, easier installation and smooth display.

HIGH BRIGHTNESS

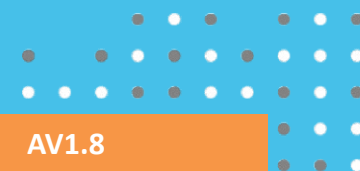Higher brightness enables watching during day time.

Technical Specifications

Detailed Specifications of AV Series Active LED Video Walls

	AV1.2	AV1.5	AV1.8
Pixel Pitch (mm)	1.25	1.6	1.8
Diagonal Size	108"	136"	162"
Pixel Density (dots/㎡)	640000	409600 dots/m2	308641 dots/m2
Pixel Led	SMD 3in1	SMD 3 in1	SMD 3in1
Weight (kg/㎡)	30	30	30
Cabinet Material	Aluminum Die Cast	Aluminum Die Cast	Aluminium Die Cast
Brightness (Cd/㎡)	600	600	600
Brightness Uniformity (%age)	97%	97%	97%
Refresh Frequency (Hz)	>3840 Hz	>3840 Hz	>3840 Hz
Color Temperature (k)	3000-10000k	3000-10000k	3000-10000k
Color Uniformity	±0.015Cx,Cy	±0.015Cx,Cy	±0.015Cx,Cy
View Angle (H,V)	H-160°, V-160°	H-160°, V-160°	H-160°, V-160°
Min. Viewing Distance (m)	1.2	1.5	1.8
Flatness	±0.2	±0.2	±0.2
Screen Resolution	1920x1080@60hz	1920x1080@60hz	1920x1080@60hz
Screen Depth (mm)	65	65	65
Input Voltage (Vac)	100-240	100-240	100-240
Power Consumption (Max, Ave)	Max-1000w/m2, Ave-680w/m2	Max-1000w/m2, Ave-680w/m2	Max-1000w/m2, Ave-680w/m2

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	AV1.2	AV1.5	AV1.8
Frame Frequency (Hz)	50/60	50/60	50/60
Gray scale (bits)	16	16	16
Working Environment	Indoor	Indoor	Indoor
Working Temperature (°C)	-10°C to + 40°C	-10°C to + 40°C	-10°C to + 40°C
Operating Humidity (%age)	0% - 80%	0% - 80%	0% - 80%
IP Rating (Front/Rear)	IP30/IP 20	IP30/IP 20	IP30/IP 20
Life Time Span (Hours)*	100000 Hours	100000 Hours	100000 Hours
Wireless screen sharing	Yes (Optional)	Yes (Optional)	Yes (Optional)
Sign Edge (Signage)	Yes (Optional)	Yes (Optional)	Yes (Optional)
Remote	Yes	Yes	Yes
Speaker	10W+10W	10W+10W	10W+10W
Controller	Embedded	Embedded	Embedded
Input Ports	2*HDMI2.0, USB*4,DP*1	3*HDMI2.0, USB*3	2*HDMI2.0, USB*4,DP*1
Output	6* Lan out, 1*Audio Out(earphone/spdif)	6 * Lan out, 1*Audio Out(earphone/spdif)	4 * Lan Out,1*Audio Out(earphone/spdif)
Control Port	Lan, RS232,USB	Lan, RS232,USB	Lan, RS232,USB
Wifi	Yes	Yes	Yes
Body Color	Silver Gray	Silver Gray	Silver Gray
Stand Mode	Yes (optional)	Yes (optional)	Yes (optional)
Operating System (OS)	Android (optional)	Android (optional)	Android (optional)