



SAMSUNG UDE-A/B/C Series UHD VIDEO WALL DISPLAYS

Discover elevated customer engagement through the high-impact resolution of seamless UHD Video Walls

Highlights

- The industry's first UHD Video Wall without a need for any additional devices, which allows you to maximize convenience while minimizing expense through having your displays efficiently daisy-chained together.
- Realize near-perfect picture quality and optimum uniformity across all displays thanks to advanced factory tuning and calibration.
- Adapt to any situation and through a diverse line-up featuring an All-in-one solution that offers further flexibility and convenience, while an ultra-thin bezel width and brightness allow for maximum visual impact..
- Have your content displayed 24/7 with a product that has a trusted lifespan backed by industry-leading R&D.



THE INDUSTRY'S FIRST UHD VIDEO WALL SOLUTION WITH A FOCUS ON MAXIMIZED ROI AND LOWERED UPFRONT INVESTMENT COSTS

Samsung has led the field once again by being the first in the industry able to implement up to 5x5 wall configurations based on daisy chain through the use of DisplayPort (DP) 1.2. As existing PC-based video walls require high performance graphic cards, UHD splitters and are limited to 2x2 display arrangements, Samsung UHD Video Walls can eliminate those needs and greatly reduce costs. Through supporting the latest version of the premier digital video interface of DisplayPort, your content becomes elevated with resolutions that range up to 4k. This efficient arrangement helps to increase efficiency while reducing costs by negating the need to buy extra equipment.

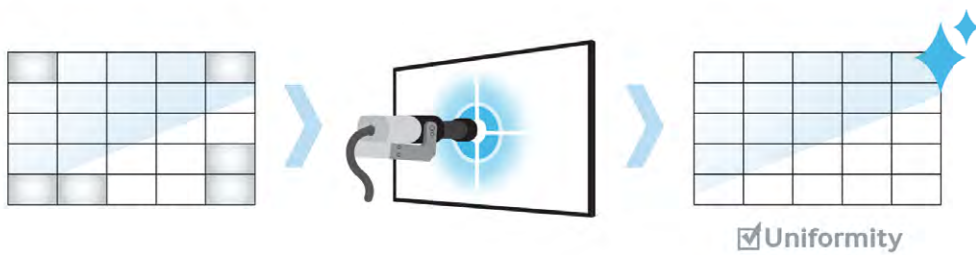


NO NEED OF HIGH PERFORMANCE GRAPHIC CARD & UHD SPLITTER



REALIZE THE FULL UHD POWER OF VIDEO WALLS THROUGH ADVANCED SAMSUNG CALIBRATION TECHNOLOGY ALONG WITH SUPERIOR PANEL QUALITY

Samsung's video walls offer near-perfect uniformity in brightness and color across multiple displays, thanks to optimized calibration during manufacturing. This allows for Samsung's calibration technology and outstanding panel quality to truly let UHD content resonate even better. Samsung Calibration technology helps to yield 90% accuracy of local uniformity throughout all displays. The effects of screen darkening and light leakage are held to a minimum, while increased contrast ratio brings out the true visual impact of your content.



SAMSUNG

UDE-A/B/C Series

UHD VIDEO WALL DISPLAYS

Model		UDE-A		UDE-B		UDE-C	
		UD46E-A	UD55E-A	UD46E-B	UD55E-B	UD46E-C	
Panel	Diagonal Size	46"	55"	46"	55"	46"	
	Type	D-LED DID	D-LED DID	D-LED DID	D-LED DID	D-LED DID	
	Resolution	1920*1080	1920*1080	1920*1080	1920*1080	1920*1080	
	Pixel Pitch(mm)	0.53025mm(H)* 0.53025mm(V)	0.63mm(H)*0.63mm(V)	0.53025mm(H)* 0.53025mm(V)	0.63mm(H)*0.63mm(V)	0.53025mm(H)* 0.53025mm(V)	
	Active Display Area(mm)	1018.08mm*572.67mm	1209.6*680.4mm	1018.08mm* 572.67mm	1209.6*680.4mm	1018.08mm* 572.67mm	
	Brightness	Max 700 cd/m2	Max 700 cd/m2	Max 500 cd/m2	Max 500 cd/m2	Max 500 cd/m2	
	Contrast Ratio	3500:1	4000:1	3500:1	4000:1	3500:1	
	Viewing Angle(H/V)	178/178	178/178	178/178	178/178	178/178	
	Response Time(G-to-G)	8ms	8ms	8ms	8ms	8ms	
	Display Colors	8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M	8 bit - 16.7M	
	Color Gamut	72%	72%	72%	72%	72%	
Display	Dynamic C/R	10,000:1	10,000:1	10,000:1	10,000:1	10,000:1	
	H-Scanning Frequency	30kHz~81kHz	30kHz~81kHz	30kHz~81kHz	30kHz~81kHz	30kHz~81kHz	
	V-Scanning Frequency	48Hz~75Hz	48Hz~75Hz	48Hz~75Hz	48Hz~75Hz	48Hz~75Hz	
	Maximum Pixel Frequency	148.5MHz	148.5MHz	148.5MHz	148.5MHz	148.5MHz	
Sound	Speaker Type	N/A					
Connectivity	INPUT	RGB	Analog D-SUB, DVI-D, Display Port 1.2				
		VIDEO	HDMI1,HDMI2				
		AUDIO	Stereo mini Jack				
		USB	Only F/W upgrade				
	OUTPUT	RGB	DP1.2(Loop-out)				
		VIDEO	N/A				
		AUDIO	Stereo mini Jack				
		Power Out	N/A				
	EXTERNAL CONTROL	RS232C(in/out), RJ45					
	EXTERNAL SENSOR	Detachable type(IR, Ambient)					
Power	Type	Internal					
	Power Supply	AC 100 - 240 V~ (+/- 10%), 50/60 Hz					
	Power Consumption	Max[W/h]	187	187	143	198	143
		Typical[W/h]	128	128	87	136	93
		BTU(Max)	638	638	488	675	488
		Sleep Mode	less than 0.5W				
Off Mode	less than 0.5W						
Mechanical Spec	Dimension (mm)	Set	1022.1x576.6x97.4	1213.5x684.3x96.6	1022.1x576.6x97.4	1213.5x684.3x96.6	1024x578.6x113.6
		Package	1160x715x280	1355x809x320	1160x715x280	1355x809x320	1160x715x295
	Weight (kg)	Set	16.2kg	21.5kg	18.0kg	23.3kg	18.3kg
		Package	22.6kg	29.0kg	22.4kg	29.0kg	23.5kg
	VESA Mount	600*400 (mm)					
	Protection Glass	N/A					
	Stand Type	N/A					
	Media Player Option Type	SBB-C/DA/DI (Slide In)					
Bezel Width (mm)	2.3mm(U/L), 1.2mm(R/B)		2.3mm(U/L), 1.2mm(R/B)		2.3mm(U/L), 1.2mm(R/B)		

Operation	Operating Temperature		0°C~ 40°C			
	Humidity		10~80%			
Feature	Key	Ultra Narrow Bezel	Ultra Narrow Bezel	Ultra Narrow Bezel	Ultra Narrow Bezel	Super Narrow Bezel
	Special	ACM Support(Advanced Color Management), Auto Source Switching & Recovery, Haze 44%, Temperature Sensor, RS232C/RJ45 MDC, Plug and Play (DDC2B), Video Wall(15x15(OSD)), Video Wall Daisy Chain(10x10), Pivot Display, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain(Supporting UHD Resolution, HDCP support), Smart F/W update, Clock Battery(80hrs Clock Keeping)				
Certification	Safety	UL (USA) : UL 60950-1 CSA (Canada) : CSA C22.2 No. 60950-1 TUV (Germany) : EN60950-1 NEMKO (Norway) : EN60950-1 KC (Korea) : K60950-1 CCC (China) : GB4943.1-2011 PSB (Singapore) : IEC60950-1 GOST (Russia) : IEC60950-1, EN55022 SIO (Slovenia) : IEC60950-1, EN55022 PCBC (Poland) : IEC60590-1, EN55022 NOM (Mexico) : NOM-019-SCFI-1993 IRAM (Argentina) : IEC60950-1 SASO (Saudi Arabia) : IEC60950-1				
	EMC	FCC (USA) FCC Part 15, Subpart B class A CE (Europe) EN55022, EN55024 VCCI (Japan) V-3 (CISPR22) KCC (Korea) : KN22, KN24 BSMI (Taiwan) : CNS13438 (CISPR22) C-Tick (Australia) : AS/NZS3548 (CISPR22) CCC(China) : GB9254-2008, GB17625.1-2012				
	Environment	ENERGY STAR 6.0 (USA)				
Accessories	Included	Quick Setup Guide, Warranty Card, DP cable, stereo to DB9 cable, Power Cord, Remote Controller, Batteries				
	Stand	N/A				
	Optional	Mount	WMN-46VD	WMN-55VD	WMN-46VD	WMN-55VD
	Specialty	MID-UD46DS(TBD)	MID-UD55DS(TBD)	MID-UD46DS(TBD)	MID-UD55DS(TBD)	TBD
Media Player	CPU					
	N/B					
	S/B					
	GPU					
	FDM/HDD/SSD	SBB (Optional, SIM Type) Signage player box (SBB-SS08EL1)				
	Memory					
	Ethernet					
	Connectivity	USB				
	Output					
	Others					