




Model		UD Serie - Videowall		
<b>UD55E-P</b> <b>LH55UDEPLBB/EN</b>		 		
Panel	Diagonal Size	55"		
	Type	D-LED DID		
	Resolution	1920 x 1080		
	Pixel Pitch(mm)	0.63mm(H) x 0.63mm(V)		
	Active Display Area(mm)	1209.6 x 680.4mm		
	Brightness(Typ.)	Max 700 cd/m2		
	Contrast Ratio(Typ.)	4000:1		
	Viewing Angle(H/V)	178/178		
	Response Time(G-to-G)	8ms		
	Display Colors	8 bit - 16.7M		
Color Gamut	72%			
Display	Dynamic C/R	10.000 : 1		
	H-Scanning Frequency	30 ~ 81kHz		
	V-Scanning Frequency	48 ~ 75Hz		
	Maximum Pixel Frequency	148.5MHz		
Sound	Speaker Type	N/A		
Connectivity	INPUT	RGB	Analog D-SUB, DVI-D, Display Port 1.2	
		VIDEO	HDMI1,HDMI2, Component (CVBS Common)	
		AUDIO	Stereo mini Jack	
		USB	1x USB 2.0	
	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]	297	
		Typical[W/h]	217	
		BTU(Max)	1013	
Sleep/off mode		less than 0.5W		
Mechanical Specs	Dimension (mm)	Set	1213.5 x 684.3 x 96.6	
		Package	1355 x 809 x 320	
	Weight (kg)	Set	21,5	
		Package	29	
	VESA Mount		600 x 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)		
Operation	Recommended Usage Hours	24 / 7		
	Operating Temperature	0°C~ 40°C		
	Humidity	10~80%		
Feature	Key	Ultra Narrow Bezel		
	Special	ACM Support(Advanced Color Management), Magic Clone(to USB), Auto Source Switching & Recovery, Haze 44%, Temperature Sensor, RS232C/RJ45 MDC,Plug and Play (DDC2B), PIP/PBP, Video Wall(15x15), Pivot Display, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain(Supporting MST 2x2 UHD Resolution), Smart Scheduling, Smart F/W update, Clock Battery(80hrs Clock Keeping) Built In MagicInfo(MagicInfo Player S3)		

<b>UD55E-P LH55UDEPLBB/EN</b>				
Feature	Internal Player (Embedded H/W)	Processor	Cortex-A9 1GHz Quad Core CPU	
		On-Chip Cache Memory	L1 (I/D) : 32KB / 32KB L2 (Unified) : 1MB	
		Clock Speed	1GHz CPU Quad	
		Main Memory Interface	1.5GB Dual 48bit DDR3-933 (1866MHz)	
		Graphics	2D & 3D Graphics Engine - Up to 1920x1080. 32bpp - Supports OpenGL ES	
		Storage	8GB (2.65GB Occupied by O/S, 5.35GB Available)	
		Multimedia	Video Decoder - MPEG-1/2, H.264/AVC (Dual) - VC-1, JPEG, PNG, VP8 Audio DSP (Decoder) - AC3 (DD), MPEG, DTS and etc.	
		IO Ports	USB 2.0	
		Operating System	Samsung Proprietary OS(VDLinux)	
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) : GB 4943-2001 PSB (Singapore) : IEC60950-1 GOST (Russia) : IEC60950-1, EN55022 SIQ (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) : GB 9254-2008, GB 17625.1-2003		
	Environment	ENERGY STAR 6.0 (USA)		
Accessories	Included	Quick Setup Guide, Warranty Card, DP cable, stereo to DB9 cable, Power Cord, Remote Controller, Batteries,		
	Optional	Stand	N/A	
		Mount	WMN-55VD	
	Specialty	MID-UD55DS(TBD)		
Media Player	CPU		SBB(Slide In/Optional) Signage player box(Optional)	
	N/B			
	S/B			
	GPU			
	FDM/HDD			
	Memory			
	Ethernet			
	Connectivity	USB		
		Output		
Others				