



Razor-sharp communication with an ultra-slim video wall

Make a lasting impression with Samsung's UE-C Series edge-lit LED displays. Featuring a stylishly thin chassis with slim bezels, you can showcase a seamless video wall with a sophisticated look.

BENEFITS

- Integrated solution with media player and speakers – Samsung Smart Signage Platform (SSSP).
- Ultra-slim and lightweight – easy to install
- Thin and symmetric bezel of 5.5mm
- Edge-lit LED display with Full HD and 500 nits brightness

Model		UE55C	
Panel	Diagonal Size	55"	
	Type	240 Hz e-LED BLU	
	Resolution	1920x1080 (16:9)	
	Pixel Pitch (mm)	0.15375 (H)x0.46125 (V)	
	Active Display Area (mm)	1209.6 (H)x680.4 (V)	
	Brightness	500 nit	
	Contrast Ratio	5000:1	
	Viewing Angle (H/V)	178:178	
	Response Time (G-to-G)	8 ms	
	Display Colors	16.7 M	
	Color Gamut	72%	
	Display	Dynamic C/R	100.000: 1 (AV Mode)
		H-Scanning Frequency	30~81 kHz
V-Scanning Frequency		48~75 HZ	
Maximum Pixel Frequency		148.5 MHz	
Connectivity	Input RGB	Analog D-SUB, DVI-D, Display Port 1.2	
	Input video	HDMI1, HDMI2, Component (CVBS Common)	
	Input audio	Stereo mini Jack	
	Output RGB	DP1.2 (Loop-out)	
	Output video	-	
	Output audio	Stereo mini Jack	
	Output Power Out	N/A	
	External control	RS232C (in/out) thru stereo jack, RJ45	
	External sensor	N/A	
	Power	Type	Internal
Supply		AC 100 – 240 V~ (+/- 10%), 50/60 Hz	
Consumption Max [W/h]		154	
Consumption Typical [W/h]		103	
Consumption BTU (Max)		525.14	
Consumption Sleep mode		less than 0.5 W	
Mechanical specification	Consumption Off mode	less than 0.5 W	
	Set Dimension (mm)	1221.8x692.6x29.9	
	Package Dimension	1364.0x848.0x199.0	
	Set Weight (kg)	15.4	
	Package Weight (kg)	20.6	
	VESA Mount	400x400 mm	
	Protection Glass	N/A	
	Stand Type	Foot Stand (Optional)	
	Media Player Option Type	Embbded, SBB-C (Attachable)	
	Bezel Width (mm)	5.5mm	
Operation	Operating Temperature	0°C ~ 40°C	
	Humidity	10~80 %	
Feature	Key	LED Slim Video wall	
	Special	ACM Support (Advanced Color Management), Magic Clone (to USB), Auto Source Switching & Recovery, Lamp Error Detection, Super Clear Coating, Temperature Sensor, RS232C/RJ45 MDC, Plug and Play (DDC2B), PIP/PBP, Video Wall (10x10), Pivot Display, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain(Supporting 2x2 UHD Resolution, HDCP Support), Smart Scheduling, Smart F/W update, Clock Battery (80hrs Clock Keeping) Built In MagicInfo (Lite, Premium-S, Videowall-S	

Internal Player (Embedded H/W)	Processor	Cortex-A9 1 GHz Dual Core CPU	
	On-Chip Cache Memory	L1 (I/D): 32 KB/32 KB, L2 (Unified): 512 KB	
	Clock Speed	1 GHz CPU Dual	
	Main Memory Interface	1 GB Dual 32 bit DDR3-667 (1333 MHz)	
	Graphics	2D & 3D Graphics Engine - Up to 1920x1080. 32 bpp - Supports Open GL ES	
	Storage (FDM)	8 GB (2 GB Occupied by O/S, 6 GB Available,)	
	Multimedia	Video Decoder - MPEG-1/2, H.264/AVC (Dual) - VC-1, JPEG, PNG Audio DSP (Decoder) - AC3 (DD), MPEG, DTS and etc.	
	Host Bus	TBD	
	IO Ports	USB 2.0	
	Operating System	Linux	
	Certification	Safety	cUL (USA+Canada): UL60065 TUV (Germany): EN60065 CB (Europe): IEC60065/EN60065 EK (Korea): K60065 CCC (China): GB8898 PSB (Singapore): IEC60065 GOST (Russia): IEC60065, EN55022 SIQ (Slovenia): IEC60065, EN55022 PCBC (Poland): IEC60065, EN55022 NOM (Mexico): NOM-001-SCFI-1993 IRAM (Argentina): IRAM SASO (Saudi Arabia): IEC60065
		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, Application CD, D-Sub cable, Power Cord, Remote Controller, Batteries	
	Optional Stand	STN-L4055AD	
	Optional Mount	WMN4270SD, WMN4675MD (for Video wall W/M)	
	Optional Specialty	CML450D (ceiling mount)	
Media Player	CPU	SBB-C (optional)	
	N/B	SBB-C (optional)	
	S/B	SBB-C (optional)	
	GPU	SBB-C (optional)	
	FDM/HDD	SBB-C (optional)	
	Memory	SBB-C (optional)	
	Ethernet	SBB-C (optional)	
	Connectivity USB	SBB-C (optional)	
	Connectivity Output	SBB-C (optional)	
	Connectivity Others	SBB-C (optional)	