



Maximize your message with a brilliant eco-friendly LED-display

With a unique design and impressive features like the brightness sensor and embedded media player, this product is ideal for business.

BENEFITS

- Edge LED BLU-display with high brightness and low power consumption
- Integrated solution with media player and speakers
 - Samsung Smart Signage Platform (SSSP)
- Easy scheduling with flexible calendar
- RS-232 & RJ45 for monitoring
- Light sensor

Model		ME55C
Panel	Diagonal Size	55"
	Type	120 Hz e-LED BLU
	Resolution	1920x1080 (16:9)
	Pixel Pitch (mm)	0.21(H)x0.63 (V)
	Active Display Area (mm)	1209.6 (H)x680.4 (V)
	Brightness	450 nit
	Contrast Ratio	5000:1
	Viewing Angle (H/V)	178:178
	Response Time (G-to-G)	8 ms
	Display Colors	10 bit Dithering - 1.07 Billion
	Color Gamut	72 %
Display	Dynamic C/R	10,000: 1
	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	N/A
	Output audio	Stereo mini Jack
	Output Power Out	N/A
	External control	RS232C (in/out) thru stereo jack, RJ45
	External sensor	IR, Ambient Light
Power	Type	Internal
	Supply	AC 100 – 240 V~ (+/- 10 %), 50/60 Hz
	Consumption Max [W/h]	143
	Consumption Typical [W/h]	122
	Consumption BTU (Max)	487.63
	Consumption Sleep mode	less than 0.5 W
	Consumption Off mode	less than 0.5 W
Mechanical specification	Set Dimension (mm)	1248.0x722.4x29.9
	Package Dimension	1369.0x848.0x199.0
	Set Weight (kg)	16.4
	Package Weight (kg)	22
	VESA Mount	400x400 mm
	Protection Glass	Optional
	Stand Type	Foot Stand (optional)
	Media Player Option Type	Embbded, SBB-C (Attachable)
	Bezel Width (mm)	17.2 mm (Bottom 20.8 mm)
Operation	Operating Temperature	0° C ~ 40° C
	Humidity	10~80%
Feature	Key	Slim & Light LFD with Built-in MagicInfo Lite
	Special	Magic Clone (to USB), Auto Source Switching & Recovery, Lamp Error Detec-tion, Super Clear Coating, Temperature Sensor, RS232C/RJ45 MDC,Plug and Play (DDC2B), PIP/PBP, Video Wall (10x10), Pi-vot 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 (80 hrs 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) : 512KB
	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. 32bpp - Supports OpenGL ES
	Storage (FDM)	4 GB (1.2GB Occupied by O/S, 2 8GB 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): UL60950 TUV (Germany): EN60950 CB (Europe): IEC60950/EN60950 EK (Korea): K60950 CCC (China): GB4943.1 PSB (Singapore) : IEC60950 GOST (Russia) : IEC60950, EN55022 SIQ (Slovenia) : IEC60950, EN55022 PCBC (Poland) : IEC60950, EN55022 NOM (Mexico) : NOM-001-SCFI-1993 IRAM (Argentina) : IRAM SASO (Saudi Arabia) : IEC60950 BIS (India): IS13252
	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
Accessories	Environment	ENERGY STAR 6.0 (USA)
	Included	Quick Setup Guide, Warranty Card, Application CD, D-Sub cable, Power Cord, Remote Controller, Batteries RS232C to Stereo Gender in/out Cable, Component Gender, Holder P-Ring, Holder Wire Stand
	Optional Stand	STN-L4055AD
	Optional Mount	WMN4270SD
	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)