




Model		Digital Signage "DC-M Serie" Businessmodell		
DC55E-M LH55DCEMLGC/EN		 		
Panel	Diagonal Size	55"		
	Type	60Hz D-LED BLU		
	Resolution	1920x1080 (16:9)		
	Pixel Pitch(mm)	0.21(H) x 0.63(V)		
	Active Display Area(mm)	1209.6(H) x 680.4(V)		
	Brightness(Typ.)	450nit		
	Contrast Ratio(Typ.)	5000:1		
	Viewing Angle(H/V)	178:178		
	Response Time(G-to-G)	6 ms		
	Display Colors	10bit Dithering - 1.07Billion		
	Color Gamut	72%		
Display	Dynamic C/R	Mega		
	H-Scanning Frequency	30 ~ 81kHz		
	V-Scanning Frequency	48 ~ 75Hz		
	Maximum Pixel Frequency	148.5MHz		
Sound	Speaker Type	Built in Speaker(10 W x 2)		
Connectivity	INPUT	RGB	D-SUB, DVI-D	
		VIDEO	HDMI1, HDMI2, CVBS	
		AUDIO	Stereo Mini Jack, RGB, DVI, HDMI, CVBS	
		USB	USB 2.0	
	OUTPUT	RGB	N/A	
		VIDEO	N/A	
		AUDIO	Stereo mini Jack	
		Power Out	N/A	
	EXTERNAL CONTROL		RS232C (in/out) thru stereo jack, RJ45	
	EXTERNAL SENSOR		IR	
Power	Type	Internal		
	Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz		
	Power Consumption	Max[W/h]	176	
		Typical[W/h]	(W/W)121, (US)56, (KR)140	
		BTU(Max)	600,16	
Sleep mode		less than 0.5W (TBD)		
Mechanical Specs	Dimension (mm)	Set	1230.6 X 706.9 X 49.9	
		Package	1348 X 810 X 148	
	Weight (kg)	Set	14,7	
		Package	19,2	
	VESA Mount		400 x 400mm	
	Protection Glass		N/A	
	Stand Type		Foot Stand (Optional)	
	Media Player Option Type		Embedded, SBB (attachable)	
Bezel Width (mm)		9.5 (Top/Side), 15.0 (Bottom)		
Operation	Recommended Usage Hours	24 / 7		
	Operating Temperature	0°C ~ 40°C		
	Humidity	10~80%		
Feature	Key		Slim & Light LFD with Built-in MagicInfo Lite	
	Special	H/W	Super Clear Coating, Temperature Sensor, Pivot Display, Button Lock, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W x 1)	
		S/W	Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play (DDC2B), Built In MagicInfo Lite, Firmware Update by Network, LFD New Home Screen	

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Feature	Internal Player (Embedded H/W)	Processor	MIPS 24K	
		On-Chip Cache Memory	L1 : 16KB/16KB L2 : 128KB	
		Clock Speed	650MHz	
		Main Memory Interface	512MB	
		Graphics	N/A	
		Storage	179 MB	
		Multimedia	N/A	
		IO Ports	N/A	
		Operating System	Samsung Proprietary OS(VDLinux)	
Certification	Safety	CB (Europe) : IEC60950-1/EN60950-1 CCC (China) : GB4943.1-2011 PSB (Singapore) : PSB+IEC60950-1 NOM (Mexico) : NOM-001-SCFI-1993 IRAM (Argentina) : IRAM+IEC60950-1 SASO (Saudi Arabia) : SASO+IEC60950-1 BIS(India) : IEC60950-1 / IS13252 NOM(Mexico) : Tuner : NOM-001-SCFI-1993 Tunerless : NOM-019-SCFI-1998 KC(Korea) : K 60950-1 EAC(Russia) : EAC+IEC60950-1 INMETRO(Brazil) : INMETRO+IEC60950-1 BSMI(Taiwan) : BSMI+IEC60950-1 RCM(Australia) : IEC60950-1/AS/NZS 60950-1 CSA (Canada) : cUL UL(USA) : cUL60950-1 TUV (Germany) : CE NEMKO (Norway) : CE		
	EMC	FCC (USA) Part 15, Subpart B Class A CE (Europe) : EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003 VCCI (Japan) : VCCI V-3 /2010.04 Class A KCC/EK (Korea) : Tuner : KN13 / KN20 Tunerless : KN22 / KN24 BSMI (Taiwan) : CNS13438 (ITE EMI) Class A / CNS13439 (AV EMI) / CNS14409 (AV EMS) / CNS14972 (Digital) C-Tick (Australia) : AS/NZS CISPR22:2009 CCC(China) :GB9254-2008 GB17625.1-2012 GOST(Russia/CIS) : GOST R 51317 Series, GOST 22505-97 EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003		
	Environment	ENERGY STAR 7.0 (USA)		
Accessories	Included	Quick Setup0 Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries, RS232C(IN) Adapter		
	Optional	Stand	STN-L4655E	
		Mount	WMN4270SD	
Specialty		CML450D (Ceiling Mount)		
Media Player	CPU	SBB		
	N/B			
	S/B			
	GPU			
	FDM/HDD			
	Memory			
	Ethernet			
	Connectivity			USB
				Output
Others				