




Model		Digital Signage "DM-Serie" für den Dauerbetrieb		
DM40E LH40DMEPLGC/EN		 		
Panel	Diagonal Size	40"		
	Type	60Hz D-LED BLU		
	Resolution	1920x1080 (16:9)		
	Pixel Pitch(mm)	0.15375(H) x 0.46125(V)		
	Active Display Area(mm)	885.6(H) x 498.15(V)		
	Brightness(Typ.)	450nit		
	Contrast Ratio(Typ.)	5000:1		
	Viewing Angle(H/V)	178:178		
	Response Time(G-to-G)	8ms		
	Display Colors	10bit Dithering - 1.07Billion		
	Color Gamut	72%		
Display	Dynamic C/R	50,000:1		
	H-Scanning Frequency	30 ~ 81kHz		
	V-Scanning Frequency	48 ~ 75Hz		
	Maximum Pixel Frequency	148.5MHz		
Sound	Speaker Type	Built in Speaker(10W + 10W)		
Connectivity	INPUT	RGB	Analog D-SUB, DVI-D(HDMI Common), Display Port 1.2	
		VIDEO	HDMI1, HDMI2(except KR, NA) Component(CVBS Common)	
		AUDIO	Stereo mini Jack	
	OUTPUT	RGB	DP1.2(Loop-out)	
		VIDEO	N/A	
		AUDIO	Stereo mini Jack	
		Power Out	N/A	
	EXTERNAL CONTROL		RS232C (in/out) thru stereo jack, RJ45	
	EXTERNAL SENSOR		IR, Ambient Light	
Power	Type	Internal		
	Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz		
	Power Consumption	Max[W/h]	121	
		Typical[W/h]	81 (w/w), 44 (us), 85 (kor)	
		BTU(Max)	412,61	
Sleep/Off mode		less than 0.5W		
Mechanical Specs	Dimension (mm)	Set	906.6 x 524.7 x 49.9	
		Package	1012 x 605 x 138	
	Weight (kg)	Set	7.52	
		Package	9.1	
	VESA Mount		200 x 200mm	
	Protection Glass		N/A	
	Stand Type		Foot Stand (Optional)	
	Media Player Option Type		Embbded, SBB (Attachable)	
Bezel Width (mm)		9.5 (Top/Side), 15.0 (Bottom)		
Operation	Operating Temperature	0°C~ 40°C		
	Humidity	10~80%		
Feature	Key		Slim & Light LFD with Built-in MagicInfo Player S3	
	Special	H/W	Super Clear Coating, Temperature Sensor, Video Wall(15x15), Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W x 2), WiFi Module Embedded, SD Card Slot, Tuner(only for NA, KR)	
		S/W	Magic Clone(to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play, PIP/PBP, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain(HDCP Support), Built In MagicInfo Player S2, Firmware Update by Network, LFD New Home Screen, PC-less VideoWall, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, PC-less Touch, MagicPresenter	

DM40E LH40DMEPLGC/EN			
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	4GB (2GB Occupied by O/S, 2GB 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.
		Host Bus IO Ports	N/A USB 2.0
		Operating System	Samsung Proprietary OS(VDLinux)
		Certification	Safety
EMC	FCC (USA) Part 15, Subpart B Class A KCC/EK (Korea) : Tuner : KN13 / KN20 Tunerless : KN22 / KN24 CE (Europe) : EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003 VCCI (Japan) : VCCI V-3 /2010.04 Class A CCC(China) :GB9254-2008 GB17625.1-2012 BSMI (Taiwan) : CNS13438 (ITE EMI) Class A / CNS13439 (AV EMI) / CNS14409 (AV EMS) / CNS14972 (Digital) C-Tick (Australia) : AS/NZS CISPR22:2009 GOST(Russia/CIS) : GOST R 51317 Series, GOST 22505-97 EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003		
Environment	ENERGY STAR 6.0 (USA)		
Accessories	Included	Quick Setup Guide, Regulatory Guide, Warranty Card, D-Sub cable, Power Cord, Remote Controller, Batteries, RS232C(IN) adapter, Cover-Jack, Screw (M3L8, 1EA) (M4L8, 4EA)	
	Optional	Stand	STN-L3240E
		Mount	WMN4070SD, WMN450MD, WMN250MD
Media Player		CPU	SBB (Optional)
		N/B	
		S/B	
		GPU	
		FDM/HDD	
		Memory	
		Ethernet	
	USB		

	Connectivity	Output
		Others