Samsung DMD Series displays

Specifications

			DM32D	DM40D	DM48D	DM55D
Panel	Diagonal size		32"	40"	48"	55"
	Type		60 Hz D-LED BLU			
	Resolution		1,920 x 1,080 (16:9)			
	Pixel pitch (mm/in.)		0.12 x 0.36 (0.004 x 0.01)	0.15 x 0.46 (0.006 x 0.01)	0.18 x 0.54 (0.007 x 0.021)	0.21 x 0.63 (0.008 x 0.024)
	Active display area (mm/in.)		698.4 x 392.8 (27.4 x 15.4)	885.6 x 498.1 (34.8 x 19.6)	1,054.0 x 592.9 (41.4 x 23.3)	1,209.6 x 680.4 (47.6 x 26.7)
	Brightness (Typ.)		400 nit	450 nit		
	Contrast ratio (Typ.)		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		50,000:1			
	H-Scanning frequency		30 ~ 81 kHz			
	V-Scanning frequency		48 ~ 75 Hz			
	Maximum pixel frequency		148.5 MHz			
Sound	Speaker type		Built-in speaker (10 W + 10 W)			
Connectivity	Input	RGB	Analog D-SUB, DVI-D	Analog D-SUB, DVI-D, Display Port 1.2		
		Video	HDMI1, Component (CVBS Common)			
		Audio	Stereo mini jack			
	Output	RGB	N/A	DP1.2 (Loop-out)		
		Video	N/A			
		Audio	Stereo mini jack			
		Power Out	N/A			
	External control		RS232-C (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)	77	121	132	176
		Typical (W/h)	61	86	100	130
		BTU (Max)	262.57	412.61	450.12	600.16
		Sleep mode	Less than 0.5 W			
		Off mode	Less than 0.5 W			

Samsung DMD Series displays

Specifications

			DM32D	DM40D	DM48D	DM55D
Mechanical specs	Dimension (mm/in.)	Set	721.4 x 420.3 x 49.9 (28.4 x 16.5 x 1.9)	906.6 x 524.7 x 49.9 (35.6 x 20.6 x 1.9)	1,075.1 x 619.4 x 49.9 (42.3 x 24.3 x 1.9)	1,230.6 x 706.9 x 49.9 (48.2 x 27.8 x 1.9)
		Package	815 x 491 x 132 (32 x 19.3 x 5.1)	1,012 x 605 x 138 (39.8 x 23.8 x 5.4)	1,185 x 715 x 148 (46.6 x 28.1 x 5.8)	1,348 x 810 x 148 (53 x 31 x 5)
	Weight (kg/lb)	Set	4.84 (10.6)	7.52 (16.5)	11.1 (24.4)	15.4 (33.9)
		Package	5.9 (13.0)	9.1 (20.0)	14 (30.8)	19.5 (42.9)
	VESA mount (mm/in.)		200 x 200 (7.8 x 7.8)		400 x 400 (15.7 x 15.7)	
	Protection glass		N/A			
	Stand type		Foot Stand (Optional)			
	Media player option type		Embedded, SBB-C (Attachable)			
	Bezel width (mm/in.)		10.5 (0.41) (Top, Side) 15.0 (0.59) (Bottom)	9.5 (0.37) (Top, Side) 15.0 (0.59) (Bottom)		
Operation	Operating temperature		0℃ ~ 40℃			
	Humidity		10 ~ 80%			
Feature	Key		Slim & Light LFD with Built-in MagicInfo Player S2			
	Special	H/W	Super Clear Coating, Temperature Sensor, Pivot Display, Clock Battery (80 hrs Clock Keeping), Built-in Speaker, Wi-Fi Module Embedded, SD Card Slot	Super Clear Coating, Temperature Sensor, Video Wall (15 x 15), Pivot Display, Clock Battery (80 hrs Clock Keeping), Built-in Speaker, Wi-Fi Module Embedded, SD Card Slot		
		S/W	Magic Clone (to USB), Auto Source Switching & Recovery, RS232C/ RJ45 MDC, Plug and Play, PIP/PBP, Image Rotation, Button Lock, 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	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		
	Internal player (Embedded H/W)	Processor	Cortex®-A9 1 GHz Quad Core CPU			
		On-chip cache memory	L1 (I/D) : 32 KB / 32 KB, L2 (Unified) : 1 MB			
		Clock speed	1 GHz CPU Quad			
		Main memory interface	1.5 GB Dual 48 bit DDR3-933 (1,866 MHz)			
		Graphics	2D & 3D Graphics Engine : Up to 1,920 x 1,080. 32 bpp / Supports OpenGL ES®			
		Storage (FDM)	4 GB (2 GB occupied by O/S, 2 GB available)			

Samsung DMD Series displays

Specifications

			DM32D	DM40D	DM48D	DM55D
Feature	Internal player (Embedded H/W)	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	N/A			
		IO ports	USB 2.0			
		Operating system	Linux®			
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® 6.0 (USA)			
Accessories	Included		Quick Setup 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		STN-L4655E	
		Mount	WMN4070SD WMN250MD		WMN4270SD WMN250MD	
		Specialty	CML400D (Ceiling Mount)		CML450D (Ceiling Mount)	
Media player			SBB-C (Optional)			

Samsung DMD Series displays

Specifications

			DM65D	DM75D
Panel	Diagonal size		65"	75"
	Type		60 Hz D-LED BLU	
	Resolution		1,920 x 1,080 (16:9)	
	Pixel pitch (mm/in.)		0.248 x 0.744 0.009 x 0.029	0.2865 x 0.8595 0.0112 x 0.0339
	Active display area (mm/in.)		1428.48 x 803.52 56.23 x 31.63	1650.24 x 928.26 64.96 x 36.54
	Brightness (Typ.)		450 nit	
	Contrast ratio (Typ.)		5000:1	
	Viewing angle (H/V)		178:178	
	Response time (G-to-G)		6.5 ms	8 ms
	Display colors		10-bit Dithering-1.07Billion	
	Color gamut		72%	
Display	Dynamic C/R		4,000,000:1	
	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	
		Video	HDMI1, 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		RS232-C (in/out) thru stereo mini jack, RJ45	
	External sensor		IR, Ambient Light	
Power	Type		Internal	
	Power supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	
	Power consumption	Sleep mode	Less than 0.5 W	
		Off mode	Less than 0.5 W	

Samsung DMD Series displays

Specifications

			DM65D	DM75D
Mechanical specs	Dimension (mm/in.)	Set	1,467.4 x 848.0 x 55.9 57.7 x 33.3 x 2.2	1,676.2 x 959.5 x 57.7 65.9 x 37.7 x 2.2
		Package	1,600 x 980 x 217 62 x 38 x 8	1,810 x 1085 x 250 71 x 42 x 9
	Weight (kg/lb)	Set	15.4	
		Package	19.5	
	VESA Mount (mm/in.)		400 x 400 15.7 x 15.7	
	Protection Glass		N/A	
	Stand type		Foot Stand (Optional)	
	Media player option type		Embbeded, PIM (Plug in Module)	
	Bezel width (mm/in.)		18.0 / 0.7 (Top, Side) 23.5 / 0.9 (Bottom)	12.0 / 0.4 (Top, Side) 17.3 / 0.6 (Bottom)
Operation	Operating Temperature		0℃ ~ 40℃	
	Humidity		10 ~ 80%	
Feature	Key		Slim & Light LFD with Built-in MagicInfo Player S2	
	Special	H/W	Super Clear Coating, Temperature Sensor, Video Wall (15 x 15), Pivot Display, Clock Battery (80hrs Clock Keeping), Built in Speaker, WiFi Module Embedded, SD Card Slot	
		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	
	Internal Player (Embedded H/W)	Processor	Cortex-A9 1 GHz Quad Core CPU	
		On-Chip Cache Memory	L1 (I/D) : 32 KB / 32 KB, L2 (Unified) : 1 MB	
		Clock Speed	1 GHz 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 (FDM)	4GB (2GB Occupied by O/S, 2GB Available)	
		Multimedia	Video Decoder - MPEG-1/2, H.264/AVC (Dual) - VC-1, JPEG, PNG Audio DSP (Decoder) - AC3 (DD), MPEG, DTS and etc.	
		IO Ports	USB 2.0	
		Operating System	Linux®	

Samsung DMD Series displays

Specifications

			DM65D	DM75D
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 6.0 (USA)	
Accessories	Included		Quick Setup Guide, Warranty Card, D-Sub cable, Power Cord, Remote Controller, Batteries, RS232C(IN) adapter, Cover-Jack	
	Optional	Stand	STN-L4655E	
		Mount	WMN4675MD	
		Specialty	CML450D (Ceiling Mount)	
Media Player			PIM (Optional)	