

Samsung DBE Series SMART Signage

Specifications

		DB32E	DB40E	DB48E	DB55E	
Panel	Diagonal Size	32"	40"	48"	55"	
	Type	60Hz D-LED BLU				
	Resolution	1,920 x 1,080 (16:9)				
	Pixel Pitch (mm/in.)	0.12 x 0.36 (0.004 x 0.014)	0.15 x 0.46 (0.006 x 0.018)	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 x 592 (41 x 23)	1,209.6 x 680.4 (47.6 x 26.7)	
	Brightness(Typ.)	350nit				
	Contrast Ratio(Typ.)	5000:1				
	Viewing Angle(H/V)	178:178				
	Response Time(G-to-G)	8ms			6ms	
	Display Colors	16.7 M				
	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 x 1)	Built in Speaker(10W + 10W)			
	Connectivity	INPUT	RGB	Analog D-SUB, DVI-D (HDMI® Common)		
VIDEO			HDMI1 Component(CVBS Common)			
AUDIO			Stereo mini Jack			
USB			USB 2.0 x 1			
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, 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]	WW: 54, US: 30, KOR: 57	WW: 76, US: 40, KOR: 91	WW: 86, US: 44, KOR: 90	WW: 123, US: 60, KOR: 123
		BTU(Max)	262.57	412.61	450.12	600.16
		Sleep mode	less than 0.5W			
		Off mode	less than 0.5W			
	Mechanical Spec	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)
Package			815 x 491 x 132 (32 x 19 x 5)	1,012 x 138 x 605 (39.8 x 5.4 x 23.8)	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/lbs)		Set	4.8 (10.5)	7.5 (16.5)	11.1 (24.4)	15.4 (33.9)
		Package	5.9 (13)	9.1 (20)	14 (30.8)	19.5 (42.9)
VESA Mount (mm)		200 x 200		400 x 400		
Protection Glass		N/A				
Stand Type		Foot Stand (Optional)				
Media Player Option Type		Embedded, SBB (Not attachable)		Embedded, SBB (Attachable)		
Operation	Bezel Width (mm/in.) Top/Side	10.5 (0.4)		9.5 (0.3)		
	Bezel Width (mm/in.) Bottom	15 (0.5)		15 (0.5)		
	Operating Temperature	0°C~ 40°C				
Humidity	10~80%					

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Key		Slim & Light SMART Signage with Built-in MagicInfo Player S3				
Special	H/W	Super Clear Coating, Temperature Sensor, Pivot Display, Button Lock, Clock Battery(168hrs Clock Keeping), Wi-Fi Module Embedded, SD Card Slot				
	S/W	Magic Clone(to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play (DDC2B), PIP/PBP, Image Rotation, Built In MagicInfo Player S3, Firmware Update by Network, SMART Signage New Home Screen, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, PC-less Touch, MagicPresenter				
Feature	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 48bit DDR3-933 (1,866MHz)				
	Internal Player (Embedded H/W)	Graphics	2D & 3D Graphics Engine - Up to 1,920 x 1,080. 32bpp - Supports OpenGL ES [®]			
		Storage (FDM)	8GB (2.65GB Occupied by O/S, 5.35GB 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.			
		IO Ports	USB 2.0			
		Operating System	Linux [®]			
	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			
Certification		UL (USA) : cUL60950-1 CSA (Canada) : cUL 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)				

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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	STN-L-4655E	
		Mount	WMN4070SD, WMN450MD, WMN250MD	WMN4270SD, WMN450MD, WMN250MD, WMN4675MD	
		Specialty	CML400D (Ceiling Mount)	CML450D (Ceiling Mount)	
Media Player	CPU	SBB (Optional)			
	N/B				
	S/B				
	GPU				
	FDM/HDD				
	Memory				
	Ethernet				
	Connectivity				
	Output				
	Others				