



DB32E | DB40E | DB48E | DB55E

Increase your message's impact while keeping your CFO happy

### DB-E 32"/40"/48"/55" Commercial LED LCD Displays

Take advantage of every opportunity to increase your visibility and impact. The Samsung DB-E Series commercial displays offer one such opportunity. Available in 32", 40", 48" and 55", these highly reliable and highly cost-efficient displays are ideal for retail environments, quick service restaurants, meeting rooms, public spaces and more. Full HD screens deliver rich and detailed imagery, multiple inputs offer flexible content options, and there's an opportunity to save even more with the all-in-one PC-less SMART Signage Platform. Impact with cost-efficiency. The Samsung DB-E Series.

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### Key Features

#### Enhanced System-on-Chip Performance with Quad-Core CPU



Powered by a System-on-Chip semiconductor and 1GHz quad-core CPU, and featuring 8GB of storage, Samsung's SMART Signage Platform reduces TCO for digital signage deployments, providing savings in hardware, installation and operating costs.

#### Sleek Industrial Design with Thin Bezel



A sleek, stylish look features a 9.5mm bezel width (top and left, 10.5mm on DB32E), with optional customizable bezel trim kits (white, matte black).

#### Ultra-Slim 2.0" Chassis



The stylishly thin chassis delivers an upscale streamlined appearance, helps simplify installation, and also meets ADA compliance requirements.

#### Slim-Direct LED Backlight



The slim-direct-lit displays of the DB-E Series feature 1920 x 1080 Full HD resolution with 350 nits brightness and 5000:1 contrast ratio for sharp, detail-rich images and crisp, easily legible type.

#### Built-In Wi-Fi



Enjoy the advantages of expanded connectivity to mobile devices and simple mirroring of content on a tablet to the display.

#### Optional Touch Overlay with PC-less Touch Support



Add an optional IR touch overlay accessory to enable up to 10 simultaneous touch points. PC-less touch support means you only need to add the touch overlay accessory to enable touch, and no PC or setback box is required.

#### MagicInfo S3 Digital Signage Software



The software allows you to create playlists, set playback schedules and publish content directly to the display. Most traditional file formats are supported, including RSS feed and live web pages.

# Samsung DB-E 32"/40"/48"/55" Commercial LED LCD Displays



		DB32E	DB40E	DB48E	DB55E	
Display	Screen Size	32"	40"	48"	55"	
	Panel Technology	60Hz Slim D-LED BLU	60Hz Slim D-LED BLU	60Hz Slim D-LED BLU	60Hz Slim D-LED BLU	
	Resolution	1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)	
	Brightness	350 nits	350 nits	350 nits	350 nits	
	Contrast Ratio	5000:1	5000:1	5000:1	5000:1	
	Viewing Angle (Horizontal/Vertical)	178° / 178°	178° / 178°	178° / 178°	178° / 178°	
	Orientation	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	
	Response Time (G-to-G)	8ms	8ms	8ms	8ms	
Connectivity	Input	Analog D-SUB, DVI-D (HDMI Common), HDMI1, HDMI2 (thru DVI-D Input, Adapter Not Included), Component/Composite, Stereo Mini Jack, USB 2.0 x 1	Analog D-SUB, DVI-D (HDMI Common), HDMI1, HDMI2 (thru DVI-D Input, Adapter Not Included), Component/Composite, Stereo Mini Jack, USB 2.0 x 1	Analog D-SUB, DVI-D (HDMI Common), HDMI1, HDMI2 (thru DVI-D Input, Adapter Not Included), Component/Composite, Stereo Mini Jack, USB 2.0 x 1	Analog D-SUB, DVI-D (HDMI Common), HDMI1, HDMI2 (thru DVI-D Input, Adapter Not Included), Component/Composite, Stereo Mini Jack, USB 2.0 x 1	
	Output	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	Stereo Mini Jack	
	External Control	RS232C (In/Out) thru Stereo Jack, RJ45	RS232C (In/Out) thru Stereo Jack, RJ45	RS232C (In/Out) thru Stereo Jack, RJ45	RS232C (In/Out) thru Stereo Jack, RJ45	
	External Sensor	IR, Ambient Light	IR, Ambient Light	IR, Ambient Light	IR, Ambient Light	
	Power	Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
Power	Power Consumption (Typical/Max)	30W / 77W	40W / 121W	44W / 132W	60W / 176W	
	Power Consumption (Standby)	< 0.5W	< 0.5W	< 0.5W	< 0.5W	
Environmental Conditions	Operating Temperature	0°C - 40°C	0°C - 40°C	0°C - 40°C	0°C - 40°C	
	Operating Humidity	10%~80%	10%~80%	10%~80%	10%~80%	
Features	Slim and Light LFD with Built-in MagicInfo Player S3		Slim and Light LFD with Built-in MagicInfo Player S3		Slim and Light LFD with Built-in MagicInfo Player S3	
	Special	Hardware	Super Clear Coating, Temperature Sensor, Pivot Display, Button Lock, Clock Battery (80hrs Clock Keeping), Built in Speaker (10Wx1), Wi-Fi Module Embedded, SD Card Slot		Super Clear Coating, Temperature Sensor, Pivot Display, Button Lock, Clock Battery (80hrs Clock Keeping), Built in Speaker (10Wx1), Wi-Fi Module Embedded, SD Card Slot	
		Software	Magic Clone (to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play (DDC2B), PIP/PBP, Image Rotation, Built-in MagicInfo S3, Firmware Update by Network, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, PC-less Touch		Magic Clone (to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play (DDC2B), PIP/PBP, Image Rotation, Built-in MagicInfo S3, Firmware Update by Network, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, PC-less Touch	
	Tuner	Yes	Yes	Yes	Yes	
	SMART Signage Platform Compliant	Yes	Yes	Yes	Yes	
	Internal Media Player	Cortex-A9 1GHz Quad Core, 1.5GB DDR3, 8GB Storage, USB 2.0, Samsung Proprietary OS (VDLinux)	Cortex-A9 1GHz Quad Core, 1.5GB DDR3, 8GB Storage, USB 2.0, Samsung Proprietary OS (VDLinux)	Cortex-A9 1GHz Quad Core, 1.5GB DDR3, 8GB Storage, USB 2.0, Samsung Proprietary OS (VDLinux)	Cortex-A9 1GHz Quad Core, 1.5GB DDR3, 8GB Storage, USB 2.0, Samsung Proprietary OS (VDLinux)	
	VESA Standard Wall Mount Interface	200 x 200mm	200 x 200mm	400 x 400mm	400 x 400mm	
	Dimensions	Product Dimensions (without stand)	28.4" x 16.5" x 2.0"	35.7" x 20.7" x 2.0"	42.3" x 24.4" x 2.0"	48.4" x 27.8" x 2.0"
		Packaging Dimensions	32.1" x 19.3" x 5.2"	39.8" x 23.8" x 5.4"	46.7" x 28.1" x 5.8"	53.1" x 31.9" x 5.8"
	Weight	Product Weight	10.5 lbs.	16.1 lbs.	24 lbs.	33.5 lbs.
Shipping Weight		12.8 lbs.	19.6 lbs.	30 lbs.	42.5 lbs.	
Service	Standard Warranty	3 Years On-Site (Parts / Labor / Backlight)	3 Years On-Site (Parts / Labor / Backlight)	3 Years On-Site (Parts / Labor / Backlight)	3 Years On-Site (Parts / Labor / Backlight)	
Accessories	Included	Quick Setup Guide, Warranty Card, D-Sub Cable, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, D-Sub Cable, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, D-Sub Cable, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, D-Sub Cable, Power Cord, Remote Controller, Batteries	
	Optional Mount	WMN4070SD, WMN250MD	WMN4070SD, WMN250MD	WMN4270SD, WMN250MD	WMN4270SD, WMN250MD	
	Optional Stand	STN-L3240E	STN-L3240E	STN-L4655E	STN-L4655E	
	Media Player	SBB-DA, SBB-DI, SBB-B32D (Not Attachable)	SBB-DA, SBB-DI, SBB-B32D	SBB-DA, SBB-DI, SBB-B32D	SBB-DA, SBB-DI, SBB-B32D	
	Optional Touch Overlay	CY-TD32LDAH	CY-TD48LDAH	CY-TD48LDAH	CY-TD55LDAH	
	Optional Bezel Trim Kit	CY-BD32BD (Matte Black), CY-BD32WD (White)	CY-BD40BD (Matte Black), CY-BD40WD (White)	CY-BD48BD (Matte Black), CY-BD48WD (White)	CY-BD55BD (Matte Black), CY-BD55WD (White)	
Green Management	Emission Standard	EMC	EMC	EMC	EMC	
	ENERGY STAR® 6.0 Compliant	Yes	Yes	Yes	Yes	
	RoHS Compliant	Yes	Yes	Yes	Yes	
	Packaging Recyclability	Packing Materials Recyclable	Packing Materials Recyclable	Packing Materials Recyclable	Packing Materials Recyclable	

## CONNECTIVITY

1. RS232C In
2. RS232C Out
3. Audio In
4. Audio Out
5. SD Card Slot
6. USB
7. DVI In
8. HDMI In
9. AV In
10. IR/Ambient Sensor In
11. VGA In
12. RJ45 In
13. Antenna In



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Samsung Electronics has been named 2015 ENERGY STAR Partner of the Year in the product manufacturing category by the U.S. Environmental Protection Agency (EPA).

