LED | DH40E | DH48E | DH55E

Powerful and brilliant displays worthy of your messages

DH-E 40"/48"/55" Commercial LED LCD Displays

Powerful ideas. Brilliant messaging. They're exactly what the powerful, brilliant Samsung DH-E Series communicate. With 1GHz quad-core processing, the Samsung DH-E Series can faithfully display your most demanding graphics. With 700-nit brightness, they'll get the message to audiences even in brightly lit areas. And with innovative cooling technologies, Samsung commercial displays are rated for demanding 24/7 applications, where reliability is crucial. Capable of either landscape or portrait orientation, the DH-E Series is slim, sleek and lightweight. And they're exceptional in restaurants, retail stores, public places, or wherever high performance, high reliability and high value are in demand.

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Key Features

Reliable 24/7 Continuous Operation

Samsung DH-E Series commercial displays feature innovative cooling technologies, and are designed from the chassis up to deliver the highest quality images with exceptional reliability, even during 24/7 continuous operation.

High Definition with High 700-Nit Brightness

The DH-E Series delivers sharp, stunning images with 1920 x 1080 Full HD resolution. And with 700-nit brightness, they're visible even in brightly-lit environments.

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 sides), with optional customizable bezel trim kits (white, matte black).

Ultra-Slim 2.0" Chassis

The stylishly thin chassis looks streamlined, helps simplify installation, and also meets ADA compliance requirements.

Built-In Wi-Fi and AllShare Cast

Easily share content from a mobile device. And with Wi-Fi control of content, you can eliminate LAN cables.

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 DH-E Series Commercial LED LCD Displays

		DH40E	DH48E	DH55E
Display	Screen Size	40"	48"	55"
	Panel Technology	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)
	Brightness	700 nits	700 nits	700 nits
	Contrast Ratio	5000:1	5000:1	5000:1
	Viewing Angle (Horizontal/Vertical)	178° / 178°	178° / 178°	178° / 178°
	Orientation	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait
	Response Time (G-to-G)	8ms	8ms	8ms
Connectivity	Input	VGA (D-Sub 15 Pin), DVI-D (HDMI Common), DisplayPort 1.2, HDMI1, HDMI2 (thru DVI-D Input, Adapter Not Included), Component/Composite, Stereo Mini Jack, USB 2.0 x 1	VGA (D-Sub 15 Pin), DVI-D (HDMI Common), DisplayPort 1.2, HDMI1, HDMI2 (thru DVI-D Input, Adapter Not Included), Component/Composite, Stereo Mini Jack, USB 2.0 x 1	VGA (D-Sub 15 Pin), DVI-D (HDMI Common), DisplayPort 1.2, HDMI1, HDMI2 (thru DVI-D Input, Adapter Not Included), Component/Composite, Stereo Mini Jack, USB 2.0 x 1
	Output	DisplayPort 1.2 (Loop-Out), Stereo Mini Jack	DisplayPort 1.2 (Loop-Out), Stereo Mini Jack	DisplayPort 1.2 (Loop-Out), 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
	External Sensor	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
	Power Consumption (Typical/Max)	48W / 135W	54W / 145W	70W / 175W
	Power Consumption (Standby)	< 0.5W	< 0.5W	< 0.5W
Environmental Conditions	Operating Temperature	0°C - 40°C	0°C - 40°C	0°C - 40°C
	Operating Humidity	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	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
	Special — 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	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
	SMART Signage Platform Compliant	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)
	VESA Standard Wall Mount Interface	200 x 200mm	400 x 400mm	400 x 400mm
	24/7 Operation	Yes	Yes	Yes
Dimensions	Product Dimensions (without stand)	36.0" x 20.9" x 2.1"	42.6" x 24.6" x 2.1"	48.7" x 28.1" x 2.1"
	Packaging Dimensions	41.8" x 23.6" x 4.5"	49.5" x 28.3" x 5.1"	55.8" x 31.9" x 5.1"
	Bezel Width	9.5mm (Top, Side), 15.0mm (Bottom)	9.5mm (Top, Side), 15.0mm (Bottom)	9.5mm (Top, Side), 15.0mm (Bottom)
Weight	Product Weight	16.6 lbs.	24.5 lbs.	34 lbs.
	Shipping Weight	20.1 lbs.	30.9 lbs.	43 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)
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)	Quick Setup Guide, Warranty Card, D-Sub Cable, Power Cord, Remote Controller, Batteries, RS232C(IN) adapter, Cover-Jack, Screw (M3L8, 1EA) (M4L8, 4EA)	Quick Setup Guide, Warranty Card, D-Sub Cable, Power Cord, Remote Controller, Batteries, RS232C(IN) adapter, Cover-Jack, Screw (M3L8, 1EA) (M4L8, 4EA)
	Optional Mount	WMN4070SD, WMN250MD	WMN4270SD, WMN250MD	WMN4270SD, WMN250MD
	Optional Stand	STN-L4055AD, STN-L3240E	STN-L4055AD, STN-L4655E	STN-L4055AD, STN-L4655E
	Media Player	SBB-DA, SBB-DI, SBB-B32D, PIM-PB32E, PIM-BF7P, PIM-PB28E, PIM-PB56E	SBB-DA, SBB-DI, SBB-B32D, PIM-PB32E, PIM-BF7P, PIM-PB28E, PIM-PB56E	SBB-DA, SBB-DI, SBB-B32D, PIM-PB32E, PIM-BF7P, PIM-PB28E, PIM-PB56E
	Optional Touch Overlay	CY-TD40LDAH	CY-TD48LDAH	CY-TD55LDAH
	Optional Bezel Trim Kit	CY-BD40BD (Matte Black), CY-BD40WD (White)	CY-BD48BD (Matte Black), CY-BD48WD (White)	CY-BD55BD (Matte Black), CY-BD55WD (White)
	Optional HDBase-T Receiver	PIM-HDBT	PIM-HDBT	PIM-HDBT
Green Management	Emission Standard	EMC	EMC	EMC
	ENERGY STAR® 6.0 Compliant	Yes	Yes	Yes
	RoHS Compliant	Yes	Yes	Yes
	Packaging Recyclability	Packing Materials Recyclable	Packing Materials Recyclable	Packing Materials Recyclable

CONNECTIVITY

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

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SAMSUNG BUSINESS

ENERGY STAR AWARD 2015 PARTNER OF THE YEAR

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).