Samsung SMART Signage DCE-H and DCE-M Series

Cost-effective 24/7 professional digital signage with brightness option

Highlights

- Leverage a professional, cost-effective 24/7 display solution for a wide range of uses
- Profit from the option to choose between high and normal brightness for business needs
- Reliable performance and capacity for expanding business needs
- Versatile media player supporting wide variety of contents
- Easy and convenient content management with built-in MagicInfo Lite solution
- Maximize space efficiency with slim design and expanded connectivity

Promote your business seamlessly with 24/7 digital signage

Ensuring 24/7 robust delivery, the DCE-H and DCE-M Series of displays provide a reliable and consistent signage solution. Retailers, malls and entertainment venues that need to showcase compelling imagery at all hours can now leverage uninterrupted clarity of their content while realizing cost savings due to lowered upkeep and maintenance.

Samsung DCE-H and DCE-M Series SMART Signage is an ideal choice for customers who seek performance at an affordable price. It provides powerful 24/7 performance and clear high-quality images all in a sleek, professional design at a competitive price.

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Discover a diverse range of choices that fit within all budgets

Hailed as the professional line-up of its DCE Series, Samsung DCE-H and DCE-M Series allow for a broader range of options for businesses to choose from in order to better suit their specific business needs. Any setting can now be effectively utilized as an environment to promote a particular brand and support high customer engagement with an ideal level of brightness emanating from the display. All displays in the DCE Series present an abundance of immersive and timely information with captivating picture quality. Additionally, the 2% haze level and the slim d-led BLU technology amplifies the sharpness and clarity of the picture quality.

Wide range of customer choice

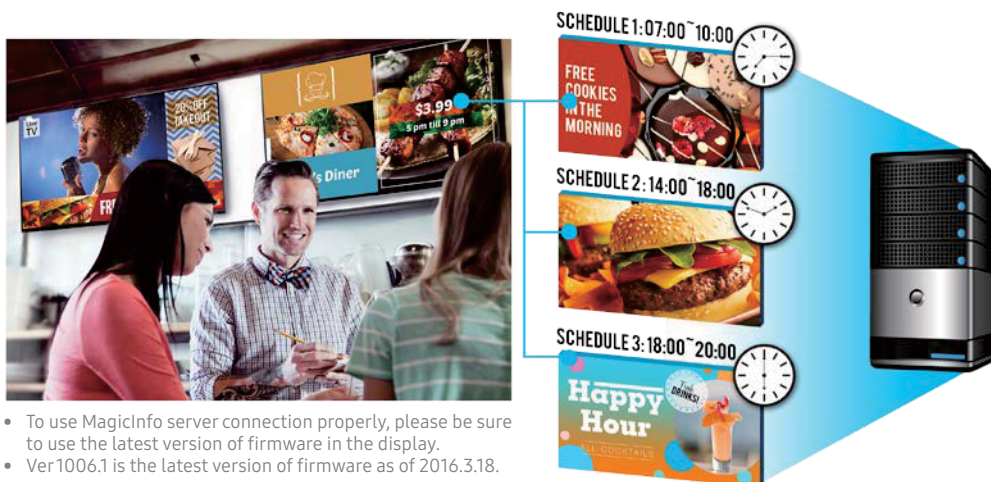| Model	DCE-H		DCE-M				DCE			
Diagonal Size	40"	48"	32"	40"	48"	55"	32"	40"	48"	55"
Brightness	700nit		400nit	450nit			330nit	350nit		
Operation Hour	24/7		24/7				16/7			
Design										

Easy and simple content management with embedded MagicInfo Lite

Embedded media player that comes with the DCE Series displays is a simple yet powerful content management solution that addresses much of the digital signage needs in common everyday business situations.

Supporting Files	
Image	Jpeg, png, bmp
Video	avi, mkv, asf, wmv, mp4, 3gp, vro, mpg, mpeg, ts, tp, trp, mov, flv, vob, svi, divx

Displaying images, photos and video clips of choice is as easy as simply plugging in a USB memory stick to the back of DCE Series displays. The embedded media player will start playing the contents from the USB memory stick right away. There is no need for an additional PC that would require housing space as well as introducing wiring clutter.
In addition, embedded media player extends the content management capability with MagicInfo server over a network connection. MagicInfo server is able to stream a single or varying schedules of contents to multiple DCE Series displays installed at remote locations. The connection to MagicInfo server also allows remote monitoring and management of the DCE Series displays. Device information, content playback schedules, software update and various controls are all available remotely even without being in front of the displays.

- To use MagicInfo server connection properly, please be sure to use the latest version of firmware in the display.
- Ver 1006.1 is the latest version of firmware as of 2016.3.18.

Gain flexibility with expanded connectivity options

The improved connectivity interface includes: D-sub, DVI, Component (CVBS Common) and 2 HDMI ports for supporting wide array source input devices; and RJ45 and RS232C for supporting convenient remote management. These optimized interfaces provide users with a simplified way to connect the DCE Series displays to the digital signage network based on individual needs. An additional HDMI port and the RJ45 port greatly extends the connectivity possibilities of the DCE Series displays for a more robust local and remote digital signage configurations.
Access to a broader range of digital content provides a more engaging viewer experience. Users can connect to PCs and other compatible devices to display the content that is most relevant to an audience.

Specification

Model		DCE-H		DCE-M			
		DC40E-H	DC48E-H	DC32E-M	DC40E-M	DC48E-M	DC55E-M
Panel	Diagonal Size	40"	48"	32"	40"	48"	55"
	Type	60Hz D-LED BLU		60Hz D-LED BLU			
	Resolution	1920x1080 (16:9)		1920x1080 (16:9)			
	Pixel Pitch(mm)	0.15375(H) x 0.46125(V)	0.183(H) x 0.549(V)	0.12125(H) x 0.36375(V)	0.15375(H) x 0.46125(V)	0.183(H) x 0.549(V)	0.21(H) x 0.63(V)
	Active Display Area(mm)	885.6(H) x 498.15(V)	1054.08(H) x 592.92(V)	698.4(H) x 392.85(V)	885.6(H) x 498.15(V)	1054.08(H) x 592.92(V)	1209.6(H) x 680.4(V)
	Brightness(Typ.)	700nit		400nit		450nit	
	Contrast Ratio(Typ.)	5000:1		5000:1			
	Viewing Angle(H/V)	178:178		178:178			
	Response Time(G-to-G)	8ms	6ms	8ms		6ms	
	Display Colors	10bit Dithering - 1.07Billion		10bit Dithering - 1.07Billion			
	Color Gamut	72%		72%			
	Operation Hour	24/7		24/7			
Display	Dynamic C/R	Mega		Mega			
	H-Scanning Frequency	30 ~ 81kHZ		30 ~ 81kHZ			
	V-Scanning Frequency	48 ~ 75HZ		48 ~ 75HZ			
	Maximum Pixel Frequency	148.5MHz		148.5MHz			
Sound	Speaker Type	Built in Speaker(10W + 10W)		Built in Speaker(10W x 1)	Built in Speaker(10W + 10W)		
Connectivity	INPUT — RGB	D-SUB, DVI-D		D-SUB, DVI-D			
	INPUT — VIDEO	HDMI1, HDMI2, CVBS		HDMI1, HDMI2, CVBS			
	INPUT — AUDIO	Stereo Mini Jack, RGB/DVI/HDMI/AV/ COMPONENT Audio (Common)		Stereo Mini Jack, RGB/DVI/HDMI/AV/COMPONENT Audio (Common)			
	INPUT — USB	USB 2.0 x 1		USB 2.0 x 1			
	OUTPUT — AUDIO	Stereo Mini Jack		Stereo Mini Jack			
	EXTERNAL CONTROL	RS232C(in) thru stereo jack, RJ45		RS232C(in) thru stereo jack, RJ45			
	EXTERNAL SENSOR	IR		IR			
Power	Type	Internal		Internal			
	Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz			
	Power Consumption — Max[W/h]	132	143	77	121	132	176
	Power Consumption — Typical[W/h]	85	98	52	75	86	121
	Power Consumption — BTU(Max)	450.12	487.63	262.57	412.61	450.12	600.16
	Power Consumption — Sleep mode	less than 0.5W		less than 0.5W			
	Power Consumption — Off mode	less than 0.5W		less than 0.5W			
Operation	Operating Temperature	0℃~ 40℃		0℃~ 40℃			
	Humidity	10~80%		10~80%			
Mechanical Spec	Dimension (mm) — Set	913.2 x 531.3 x 52.4	1081.7 x 626 x 52.4	721.4 X 420.3 X 49.9	906.6 X 524.7 X 49.9	1075.1 X 619.4 X 49.9	1230.6 X 706.9 X 49.9
	Dimension (mm) — Package	1012 X 605 X 138	1185 X 715 X 148	815 X 491 X 132	1012 X 605 X 138	1185 X 715 X 148	1348 X 810 X 148
	Weight w/o Deco (kg) — Set	8.3	12.2	4.4	6.9	10.2	14.7
	Weight w/o Deco (kg) — Package	10.4	15.7	5.9	9.2	13.8	19.2
	VESA Mount	200*200mm	400*400mm	200*200mm		400*400mm	
	Stand Type	Foot Stand (Optional)		Foot Stand (Optional)			
	Bezel Width w/o Deco (mm)	9.5 (Top/Side), 15.0 (Bottom)		10.5 (Top/Side), 15.0 (Bottom)	9.5 (Top/Side), 15.0 (Bottom)		
	Media Player Option Type	Embbeded, SBB		Embbeded, SBB(Not Attachable)	Embbeded, SBB		
Feature	Special — H/W	Super Clear Coating, Temperature Sensor, Pivot Display, Button Lock, Clock Battery(168hrs Clock Keeping), Built in Speaker					
Accessories	Included	Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries, RS232C(IN) adapter					
	Optional — Stand	STN-L4055AD, STN-L3240E	STN-L4055AD, STN-L4655E	STN-L3240E		STN-L4655E	
	Optional — Mount	WMN4070SD, WMN450MD	WMN4270SD, WMN450MD, WMN4675MD	WMN4070SD, WMN450MD		WMN4270SD, WMN450MD, WMN4675MD	
	Optional — Ceiling Mount	CML400D	CML450D	CML400D		CML450D	

Smart Signage DCE Series

For more information about Samsung DCE Series displays, visit
www.samsung.com/business or
www.samsung.com/displaysolutions