



# Samsung SMART Signage DCE Series

Professional digital signage at its essence

## Highlights

- Leverage a professional-grade, cost-effective display solution for a wide range of uses
- 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

## Take advantage of digital signage benefits at an affordable price

Today's retail stores and corporations are leveraging innovative digital displays to communicate with customers and present business information. Digital signage is an effective way for retailers to promote products, unify brand identity and increase traffic. Businesses now commonly use digital signage as a replacement for cumbersome conventional projectors to dynamically connect with clients, staff and visitors. When seeking digital signage solutions, today's companies look for displays that are versatile and cost-efficient, as well as easy to connect, install and control.

Samsung DCE Series SMART Signage is an ideal choice for customers who seek performance at an affordable price. It provides powerful 16/7 performance and clear high-quality images all in a sleek, professional design at a competitive price.

**SAMSUNG**



---

## CAPTIVATE VIEWERS WITH STUNNING DISPLAYS TO DELIVER BUSINESS MESSAGING EFFECTIVELY

---

Samsung DCE Series SMART Signage will engage customers and vividly display business messaging at an affordable price featuring high picture quality at 350 nit\* brightness and reliable 16/7 usage. Designed for indoor use in retail store, small business and corporate conference room and office environments, DCE Series displays present a stunningly wide range 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.

\*32" : 330nit

### **Benefit from a professional-grade digital signage in an Essential package**

Embedding a capable media player staying true to its nature, the displays enable rich content presentation without an additional PC or media player, thus reducing operating expenses.

Plus, the DCE Series shares the same design identity as Samsung D Series displays, which means it has the same sleek, space-saving design. The family look allows a DCE Series display to be a simple and easy replacement to other D Series displays such as DH, DM or DB Series displays, by allowing existing mounting parts and wirings to be reused as is. Despite its slim form, the energy-efficient and powersaving features designed into the displays enable operation on minimal power consumption and at reduced heat emission resulting in the displays being more energy-efficient and cost-efficient. In addition, the wide range of display sizes from 32" to 55" offers selection of just the right size for your business needs.

## Easy and simple content management with embedded MagicInfo Lite solution

MagicInfo Lite solution 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.



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, MagicInfo Lite solution 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, network data monitoring, time scheduling, alarms and various controls are all available remotely even without being in front of the displays.



## 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           |                                                            |              | 32"                                                                                                                        | 40"                                         | 48"                                          | 55"                                          |
|-----------------|------------------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------------------|----------------------------------------------|
| Panel           | Type                                                       |              | 60Hz LED BLU                                                                                                               |                                             |                                              |                                              |
|                 | Resolution                                                 |              | 1920x1080 (16:9)                                                                                                           |                                             |                                              |                                              |
|                 | Pixel Pitch(mm)                                            |              | 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)                                    |              | 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.)                                           |              | 330nit                                                                                                                     |                                             | 350nit                                       |                                              |
|                 | Contrast Ratio(Typ.)                                       |              | 5000:1                                                                                                                     |                                             |                                              |                                              |
|                 | Viewing Angle(H/V)                                         |              | 178:178                                                                                                                    |                                             |                                              |                                              |
|                 | Response Time(G-to-G)                                      |              | 8ms                                                                                                                        |                                             | 6ms                                          |                                              |
|                 | Display Colors                                             |              | 16.7M                                                                                                                      |                                             |                                              |                                              |
|                 | Color Gamut                                                |              | 72%                                                                                                                        |                                             |                                              |                                              |
| Display         | Dynamic C/R                                                |              | Mega                                                                                                                       |                                             |                                              |                                              |
|                 | 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 x 2)                    |                                              |
| Connectivity    | INPUT                                                      | RGB          | D-SUB, DVI-D                                                                                                               |                                             |                                              |                                              |
|                 |                                                            | VIDEO        | HDMI1, HDMI2, CVBS                                                                                                         |                                             |                                              |                                              |
|                 |                                                            | AUDIO        | Stereo Mini Jack, RGB/DVI/HDMI/AV/COMPONENT Audio (Common)                                                                 |                                             |                                              |                                              |
|                 |                                                            | USB          | USB 2.0 x 1                                                                                                                |                                             |                                              |                                              |
|                 | OUTPUT                                                     | AUDIO        | Stereo Mini Jack                                                                                                           |                                             |                                              |                                              |
|                 | EXTERNAL CONTROL                                           |              | RS232C(In) thru stereo jack, RJ45                                                                                          |                                             |                                              |                                              |
|                 | EXTERNAL SENSOR                                            |              | IR                                                                                                                         |                                             |                                              |                                              |
| 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] | 70                                                                                                                         | 110                                         | 120                                          | 160                                          |
|                 |                                                            | BTU(Max)     | 262.57                                                                                                                     | 412.61                                      | 450.12                                       | 600.16                                       |
|                 |                                                            | Sleep Mode   | less than 0.5W                                                                                                             |                                             |                                              |                                              |
|                 |                                                            | Off Mode     | less than 0.5W                                                                                                             |                                             |                                              |                                              |
| Operation       | Operating Temperature                                      |              | 0°C~ 40°C                                                                                                                  |                                             |                                              |                                              |
|                 | Humidity                                                   |              | 10~80%                                                                                                                     |                                             |                                              |                                              |
| Mechanical Spec | Dimension (mm)                                             | Set          | 721.4 X 420.3 X 49.9<br>(28.4 x 16.5 x 1.9)                                                                                | 906.6 X 524.7 X 49.9<br>(35.7 x 20.7 x 1.9) | 1075.1 X 619.4 X 49.9<br>(42.3 x 24.3 x 1.9) | 1230.6 X 706.9 X 49.9<br>(48.4 x 27.8 x 1.9) |
|                 |                                                            | Package      | 815 X 491 X 132<br>(32 x 19 x 5)                                                                                           | 1012 X 605 X 138<br>(39.8 x 5.4 x 23.8)     | 1185 X 715 X 148<br>(46.6 x 28.1 x 5.8)      | 1348 X 810 X 148<br>(53 x 31 x 5)            |
|                 | Weight (kg)                                                | Set          | 4.4 (9.7)                                                                                                                  | 6.9 (15.2)                                  | 10.2 (22.4)                                  | 14.7 (32.4)                                  |
|                 |                                                            | Package      | 5.9 (13)                                                                                                                   | 9.2 (20.2)                                  | 13.8 (30.4)                                  | 19.2 (42.3)                                  |
|                 | VESA Mount                                                 |              | 200*200mm                                                                                                                  |                                             | 400*400mm                                    |                                              |
|                 | Stand Type                                                 |              | Foot Stand (Optional)                                                                                                      |                                             |                                              |                                              |
|                 | Bezel Width (mm/in.)Top/Side<br>Bezel Width (mm/in.)Bottom |              | 10.5 (0.4)<br>15 (0.5)                                                                                                     |                                             | 9.5 (0.3)<br>15 (0.5)                        |                                              |
| Feature         | Special                                                    |              | 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           |                                             |                                              |                                              |

Smart Signage DCE Series

For more information about Samsung DCE Series displays, visit

[www.samsung.com/business](http://www.samsung.com/business) or  
[www.samsung.com/displaysolutions](http://www.samsung.com/displaysolutions)

Screen images simulated.

Copyright © 2015 Samsung Electronics Co. Ltd. All rights reserved. Samsung is a registered trademark of Samsung Electronics Co. Ltd. Specifications and designs are subject to change without notice. Non-metric weights and measurements are approximate. All data were deemed correct at time of creation. Samsung is not liable for errors or omissions. All brand, product, service names and logos are trademarks and/or registered trademarks of their respective owners and are hereby recognized and acknowledged.

Samsung Electronics Co., Ltd.  
416, Maetan 3-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-772,  
Korea

[www.samsung.com](http://www.samsung.com)