# Samsung Professional Signage Displays - MEC, MDC, DMD and DBD Series

Premium-quality displays that deliver superb performance with a built-in media player for impactful messaging

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# Engage viewers with cutting-edge Samsung signage technology

## Deliver business messaging simply and effectively with vibrant digital signage displays and content

Increasing numbers of businesses are realizing the value of digital signage, from retailers that want to entice shoppers with product information and promotions to hotels that wish to inform visitors of their amenities. Digital signage is also an invaluable asset in transportation terminals to keep travelers apprised of changing schedules. Even the corporate business environment, medical establishments and financial institutions are reaping the benefit of digital signage. Placed in lobbies, conference rooms, meeting rooms and more, signage displays inform and educate both customers and employees.

However, as digital signage becomes more prominent and recognized as a valuable asset, the undeniable complexity of setting up digital signage becomes a challenge, as well. Another factor to consider is that critical, timely information must reach viewers when and where it has the most impact and need, and often 24 hours a day. In addition, businesses seeking digital signage solutions are concerned about reducing start-up and operating costs, while still delivering their messaging effectively. In order to use digital signage successfully, businesses must accomplish the following objectives:



Figure 1. Samsung sleek-looking digital signage entices shoppers with vivid, crystal-clear product images.

- Deliver a distinctive experience to viewers through high-quality digital signage

- Create and manage content easily and efficiently

- Broadcast impactful messaging that is clear, bright and legible in virtually any lighting condition

- Help minimize the cost of purchasing separate digital signage options, such as PC modules

- Access a wide array of digital content connectivity options

- Present content in portrait or landscape orientation, without the need for a separate PC module

- Provide interactivity with touch capabilities

- Arrange digital signage in a variety of settings, including environments with limited space

- Control ongoing operational costs, including energy costs

## Partner with a world leader in innovative digital display technology

As a global leader in electronics, Samsung is able to bring the marketing advantages of digital display technology to a broad range of industries with its comprehensive displays and solutions while simplifying the complexities of digital signage.

Using its vast expertise and experience in cutting-edge technology, Samsung display solutions help businesses transform the way they interact with customers by creating dynamic, interactive ways to convey their messages. Plus, Samsung's simple-to-use, fully integrated display solutions enable businesses to create a wide range of immersive content while spending less time managing it. An embedded media player, powered by a smart signage platform and easy-to-use software, brings businesses simplified solutions to the complex digital signage environment.

Samsung MEC, MDC, DMD and DBD Series Professional Signage Displays help businesses reap the benefits of digital messaging with these features:

- **Enhanced manageability.** Display rich, interactive content from myriad sources with integration-ready, embedded Samsung Smart Signage Platform (SSSP) and a plug-in module (PIM) option.

- **Superb picture quality.** Project sharper images with up to 450 nit high brightness and crystal-clear display quality in various lighting conditions.

- **Image rotation software.** Change content from landscape to portrait orientation without the need for a separate PC module.

- **Touch Overlay option.** Transform the displays into interactive whiteboards with touchscreen capabilities.

- **Various connectivity options.** Access a wide range of digital content with advanced connectivity choices.

# Experience the power and performance of the innovative SSSP with built-in media player

The DMD and DBD Series displays offer these additional features:

- **Most advanced embedded content management solution without a PC.** Experience state-of-the-art large format display (LFD) innovation, without an additional PC, with the 2nd Generation SSSP, the embedded media player powered by quad-core System-on-Chip (SoC) technology.

- **Upgraded SoC technology - the brains of the SSSP.** Increase the level of security, convenience, simplicity of use and versatility of these superb-quality displays using upgraded SoC-powered 2nd Generation SSSP without the need for a Set-Back Box (SBB) or additional PC.
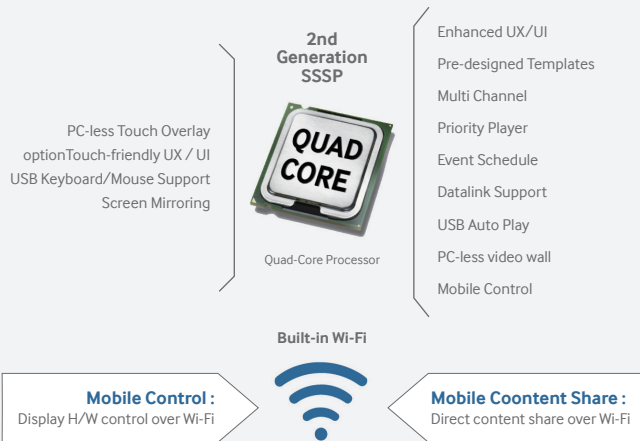
**2nd Generation SSSP**

PC-less Touch Overlay option Touch-friendly UX / UI
USB Keyboard/Mouse Support
Screen Mirroring

QUAD CORE

Quad-Core Processor

Enhanced UX/UI
Pre-designed Templates
Multi Channel
Priority Player
Event Schedule
Datalink Support
USB Auto Play
PC-less video wall
Mobile Control

**Built-in Wi-Fi**

**Mobile Control :**
Display H/W control over Wi-Fi

**Mobile Coontent Share :**
Direct content share over Wi-Fi

*Figure 2. Samsung's 2nd Generation SSSP is the industry's first embedded media player powered by advanced quad-core SoC technology.*

- **New intuitive Home user interface (UI).** Gain direct access to commonly used features from the brand-new touch-friendly Home screen for simplified display operation.
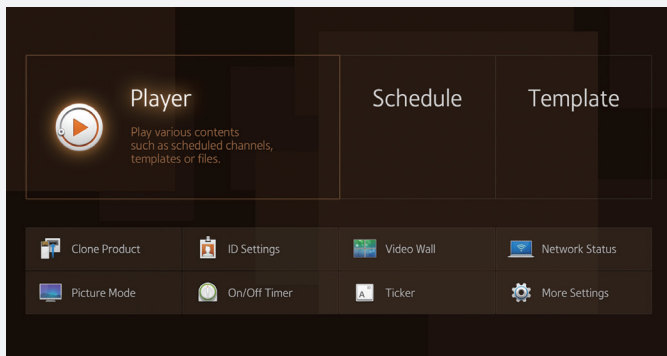
**Player**
Play various contents such as scheduled channels, templates or files.

**Schedule**     **Template**

Clone Product     ID Settings     Video Wall     Network Status
Picture Mode     On/Off Timer     Ticker     More Settings

*Figure 3. The touch-friendly Home screen UI simplifies display management with easy access to frequently used menu items.*

## Get more power, capacity and capability with SSSP with embedded SoC technology

MEC and MDC Series displays leverage the powerful SSSP with SoC technology to boost power and functionality. The DMD and DBD Series displays boast Samsung's new 2nd Generation SSSP with the quad-core embedded SoC technology. The 2nd Generation SSSP doubles the performance of dual-core displays with twice the processing speed with a 1 GHz quad-core CPU and 1.5 GB double data rate (DDR3) dual 64-bit memory. Both 1st Generation and 2nd Generation integrated digital signage platforms eliminate the need for external media players and additional PC units, speeding the deployment process, saving time and resources. 2nd Generation SSSP-enabled displays also offer a picture-in-picture (PIP) size that can be enlarged to over 50 percent of the display, compared to less than 50 percent in dual-core, 1st Generation SSSP-enable displays. In addition, the 2nd Generation SSSP with advanced SoC technology eliminates the need for a separate PC for each display when connecting multiple displays in a daisy chain.

## Operate the displays with an enhanced, intuitive Home UI

Samsung's touch-friendly Home screen, available on the DMD and DBD Series displays, simplifies display operation with a new matrix design, which enables touch interaction of various display operations when the optional Touch Overlay is added. Main display functions are conveniently available on the Home screen, without having to go through multiple submenus, and represented with large menu buttons, for ease of use. Plus, users can create personalized content from a choice of templates using the template manager for easy navigation. Then they can play and schedule the content using the included Samsung MagicInfo® software and the optional Touch Overlay.

A selection of frequently used menu functions are also display on the Home screen for easy access. This feature provides direct access to main settings with a simple touch of the finger or by using a remote control.

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# Use Samsung displays in creative new ways with image rotation software and an interactive Touch Overlay option

## Provide an immersive, crystal-clear viewing experience

MEC, MDC, DMD and DBD Series Professional Signage Displays deliver vibrant, realistic images on a high-gloss surface for a highly readable visual experience. With brightness levels of up to 450 nit, these superb-quality displays provide businesses with crisp, legible message delivery in various lighting conditions. These crystal-clear panel displays have a distinct advantage over static information displays.

Content is further optimized with a slim bezel design and vivid, vibrant LED BLU technology, offering superior picture quality, broad color definition, realistic color and rich black hues. The MEC Series boasts edge-type LED BLU technology, which yields a much thinner screen and virtually distraction-free viewing. The DMD and DBD Series feature direct-type LED BLU technology that contributes to a slim, light, design with reduced power consumption for lower operating costs. Businesses can also tailor the DMD and DBD Series displays to complement their décor with an attachable color bezel option, available in matte black, white, wood finish and titanium designs.

## Tailor content orientation more easily

All the displays offer pivoting capability and image rotation software that can change image orientation from portrait to landscape for greater display flexibility. For convenience when rotating images, two ratio options are available: original ratio or auto full-sizing ratio. Users do not need to rotate a picture in the software to make it appear correctly in a different orientation.



Figure 4. Landscape to portrait image rotation enhances usability with no loss of resolution or distortion.

## Turn the displays into interactive touch display with optional Touch Overlay

Convert the DMD and DBD Series displays into intuitive, easy-to-install and space-saving e-boards with an optional Touch Overlay, without the need for a separate SBB or an external PC. The MEC and MDC (available for MD65C only) Series displays can also activate the Touch Overlay option with the addition of a SBB or PC. Simply snap the Touch Overlay in place and the display turns into an interactive touch display with multi-touch capabilities. The optional Touch Overlay increases content delivery effectiveness by adding interactivity.

The overlay provides a realistic multi-touch experience with up to six simultaneous touch points. Unlike traditional infrared (IR) sensors that use vertical and horizontal sensing, the arc-like IR covers every corner of the surface, eliminating any dead spots.

The accessory is easy to install by simply placing the overlay on the LFD screen and tightening a few screws. The optional Touch Overlay accessory also protects the LFD with its 2.8 mm (0.11 in.) thickness, preventing damage from external elements such as dust. The Touch Overlay option is available for all models for added versatility. A USB keyboard and mouse are also supported on the DMD and DBD Series displays.

# Deliver rich multimedia content with enhanced connectivity for an immersive viewing experience

## Daisy chain multiple displays without the need for additional equipment

Businesses can join multiple displays without losing picture quality using DisplayPort (DP) 1.2 multi-stream support. The MEC and DMD Series displays offer High-bandwidth Digital Content Protection (HDCP) daisy chain capabilities. By supporting HDCP daisy chaining, these models can display HDCP content, such as LiveTV™ or Blu-ray Disc™ content, without an HDCP distributor or an external PC. The HDCP daisy chain function helps reduce the cost of deploying multiple displays throughout an organization.

Multiple displays can be connected over a daisy chain, each delivering full high-definition content. The port helps maintain FHD quality without the need for additional equipment.



*Figure 5. The HDCP daisy chain function reduces the cost of deploying multiple displays to manage each display in a video wall*

Because the displays require no external PC to operate, either locally or over a network, there are no cumbersome wires or equipment to distract viewers from the message being delivered. Content playback, Touch Overlay support, and network connections can all be performed on the DMD and DBD Series display without an external PC thanks to the embedded 2nd Generation SSSP.

For added convenience and flexibility, the DMD Series includes built-in Wi-Fi and a mobile app, enabling LFD control and direct playback of content directly from a mobile device or laptop. Clutter-free and wireless content sharing and display management result in a sleek-looking display that delivers messaging that is pleasing to the eye, which can enhance any business environment.

DBD Series displays provide PC-less content playback and network connectivity with an optional Wi-Fi dongle. With this Wi-Fi dongle option, users can control the LFD and wirelessly distribute content to the display using mobile devices for convenient content management. The ability to send and schedule content to a LFD from a mobile device, instead of locating a PC that is connected to the LFD or finding suitable cable connections, greatly simplifies display management.

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# Ensure messaging is delivered easily and clearly with Samsung professional-grade signage displays

## Present messages more clearly and with greater impact than conventional projectors

Samsung professional signage displays provide wide visible viewing angles and a slim design that optimizes available space. They also offer powerful interactivity features when used with the optional Touch Overlay for engaging visual presentations. Rich content, including multimedia capabilities, vivid, high-definition photos and videos and built-in speakers all create an immersive viewing experience. Traditional projectors, on the other hand, provide low brightness, blurred images and noisy, distracting operation.

LED displays have an ultra-slim profile and require minimal lamps to operate. Light in weight and with a depth as shallow as 29.9 mm (1.18 in.), Samsung Professional Signage Displays enable businesses to install displays in area where space is limited. In additional, LED technology contributes to low power consumption help realize efficient operating cost. Overall, Samsung LED LFDs are easier and less expensive to install, move and operate. The displays are also Energy Star compliant contributing to lower TCO.

## Broadcast powerful digital messages easily and with maximum impact on superb-quality Samsung displays

Samsung MEC, MDC, DMD and DBD Series Professional Signage Displays are designed using Samsung's proven electronics know-how and durable, high-quality, energy-efficient components. With crystal-clear image quality and a brightness of up to 450 nit, these displays deliver sharp, highly legible content in virtually any lighting condition.

Equipped with innovative SSSP, powered by SoC processors and MagicInfo software, these FHD displays give businesses the ability to create, manage and deploy an array of immersive content - and without an external PC, SBB or media player. Straightforward daisy chain connectivity, built-in Wi-Fi capabilities, a Touch Overlay option and an intuitive Home screen interface further add to the simplicity of digital display creation and management. Samsung's powerful digital display solutions now enable more businesses than ever before to reap the rewards of this highly effective medium - many of which never before imagined possible.

## Features and benefits

|  | Benefit |
|---|---|
| SSSP | Perform numerous functions remotely and easily to create an immersive viewing experience and hassle-free content management with this powerful solution with embedded media player. |
| SoC-powered SSSP with Samsung MagicInfo software | Create rich content without a PC, SBB or media player. |
| Home screen UI | Simplify display content creation and management with an intuitive touch-friendly interface. |
| Crystal-clear screen with up to 450 nit brightness | Project sharp, crisp images for high readability in various lighting conditions. |
| Automatic image rotation | Customize content from portrait to landscape mode more easily. |
| Touch Overlay option | Convert displays into multi-touch whiteboards for enhanced interactivity. |
| Enhanced connectivity | Support a more engaging user experience (UX) with various connectivity choices. |

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# Samsung MEC Series displays

## Specifications

| | | | ME32C | ME40C | ME46C | ME55C |
|---|---|---|---|---|---|---|
| **Panel** | Diagonal size | | 32 in. | 40 in. | 46 in. | 55 in. |
| | Type | | 60 Hz LED BLU | | | 120 Hz LED BLU |
| | Resolution | | 1,920 x 1,080 (16:9) | | | |
| | Pixel pitch (mm/in.) | | 0.121 x 0.363<br>0.004 x 0.014 | 0.153 x 0.461<br>0.006 x 0.018 | 0.176 x 0.530<br>0.006 x 0.02 | 0.210 x 0.630<br>0.008 x 0.024 |
| | Active display area (mm/in.) | | 698.4 x 392.8<br>27.4 x 15.4 | 885.6 x 498.1<br>34.8 x 19.6 | 1,018.08 x 572.67<br>40.08 x 22.54 | 1,209.6 x 680.4<br>47.62 x 26.78 |
| | Brightness | | 450 nit | | | |
| | Contrast ratio | | 5,000:1 | | | |
| | Viewing angle (H/V) | | 178:178 | | | |
| | Response time (G-to-G) | | 8 ms | | | |
| | Display colors | | 10bit Dithering - 1.07Billion | | | |
| | Color gamut | | 72% | | | |
| **Display** | Dynamic C/R | | 10,000:1 (AV Mode) | | | |
| | H-Scanning frequency | | 30 – 81 kHz | | | |
| | V-Scanning frequency | | 48 – 75 Hz | | | |
| | Maximum pixel frequency | | 148.5 MHz | | | |
| **Connectivity** | Input | RGB | Analog D-SUB, DVI-D, Display Port 1.2 | | | |
| | | Video | HDMI1, HDMI2, Component(CVBS Common) | | | |
| | | Audio | Stereo mini jack | | | |
| | Output | RGB | DP1.2(Loop-out) | | | |
| | | VIDEO | N/A | | | |
| | | AUDIO | Stereo mini Jack | | | |
| | | Power Out | N/A | | | |
| | External control | | RS232C(in/out) thru stereo mini 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 | 110 | 121 | 143 |
| | | Typical[W/h] | 62 | 93 | 97 | 122 |
| | | BTU(Max) | 262.57 | 375.1 | 412.61 | 487.63 |
| | | Sleep mode | less than 0.5W | | | |
| | | Off mode | less than 0.5W | | | |
| **Mechanical specs** | Dimension (mm/in.) | Set | 734.8 x 433.8 x 29.9 | 922.1 x 539.4 x 29.9 | 1,057.6 x 615.8 x 29.9 | 1,248.0 x 722.4 x 29.9 |
| | | Package | 833 x 518 x 120 | 1,020.0 x 616.0 x 130.0 | 1,167.0 x 721.0 x 140.0 | 1,369.0 x 848.0 x 199.0 |
| | Weight (kg) | Set | 6.7 | 10.6 | 13.1 | 16.4 |
| | | Package | 8.3 | 12.6 | 16.7 | 22 |
| | VESA mount (mm/in.) | | 200 x 200<br>7.87 x 7.87 | | 400 x 400<br>15.74 x 15.74 | |
| | Protection Glass | | Optional | | | |
| | Stand type | | Foot stand (optional) | | | |
| | Media player option type | | N/A | Embbeded, SBB-C (Attachable) | | |
| | Bezel width (mm/in.) | | 16.2 / 0.6 (Top,Side)<br>20.8 / 0.8 (Bottom) | 16.2 / 0.6 (Top,Side)<br>20.9 / 0.8 (Bottom) | 17.3 / 0.6 (Top,Side)<br>20.9 / 0.8 (Bottom) | 17.2 / 0.6 (Top,Side)<br>20.8 / 0.8 (Bottom) |

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# Samsung MEC Series displays

## Specifications

| | | ME32C | ME40C | ME46C | ME55C |
|---|---|---|---|---|---|
| **Operation** | Operating Temperature | 0°C – 40°C | | | |
| | Humidity | 10~80% | | | |
| **Key feature** | | Slim and light LFD with built-in MagicInfo® Lite | | | |
| **Feature** | Special | Magic Clone(to USB), Auto Source Switching & Recovery, Lamp Error Detection, Super Clear Coating, Temperature Sensor, RS232C/RJ45 MDC,Plug and Play (DDC2B), PIP/PBP, Video Wall(10x10), Pivot Display, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain(Supporting 2x2 UHD Resolution, HDCP Support), Smart Scheduling, Smart F/W update, Clock Battery(80hrs Clock Keeping) Built In MagicInfo(Lite, Premium-S, Videowall-S) | | | |
| | Internal layer (Embedded H/W) — Processor | Cortex-A9 1GHz Dual Core CPU | | | |
| | On-Chip Cache Memory | L1 (I/D) : 32KB / 32KB<br>L2 (Unified) : 512KB | | | |
| | Clock Speed | 1GHz CPU Dual | | | |
| | Main Memory Interface | 1GB Dual 32bit DDR3-667 (1333MHz)" | | | |
| | Graphics | 2D & 3D Graphics Engine : Up to 1920x1080. 32bpp  /  Supports OpenGL ES | | | |
| | Storage (FDM) | 4GB (1.2GB Occupied by O/S, 2.8GB Available) | | | |
| | Multimedia | Video Decoder : MPEG-1/2, H.264/AVC (Dual)  /  VC-1, JPEG, PNG<br>Audio DSP (Decoder) : AC3 (DD), MPEG, DTS and etc. | | | |
| | Host Bus | TBD | | | |
| | IO Ports | USB 2.0 | | | |
| | Operating System | Linux | | | |
| **Accessories** | Optional — Stand | STN-L32D | STN-L32D | STN-L4055AD | STN-L4055AD |
| | Mount | WMN4070SD<br>WMN250MD | WMN4070SD<br>WMN250MD | WMN4270SD<br>WMN250MD | WMN4270SD<br>WMN250MD |
| | Specialty | CML400D<br>(Ceiling Mount) | CML400D<br>(Ceiling Mount) | CML450D<br>(Ceiling Mount) | CML450D<br>(Ceiling Mount) |
| | Included | Quick Setup Guide, Warranty Card, Application CD, D-Sub cable, Power Cord, Remote Controller, Batteries, Component Gender, Holder P-Ring, Holder Wire Stand | Quick Setup Guide, Warranty Card, Application CD, D-Sub cable, Power Cord, Remote Controller, Batteries | | |
| **Media Player** | CPU | SBB-C<br>(Optional, No Mechanical Screw Hole) | | | |
| | N/B | | | | |
| | S/B | | | | |
| | GPU | | | | |
| | FDM/HDD | | | | |
| | Memory | | | | |
| | Ethernet | | | | |
| | Connectivity — USB | | | | |
| | Output | | | | |
| | Others | | | | |

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# Samsung MDC Series displays

## Specifications

| | | | MD32C | MD40C | MD46C | MD55C |
|---|---|---|---|---|---|---|
| **Panel** | Diagonal size | | 32 in. | 40 in. | 46 in. | 55 in. |
| | Type | | 60 Hz LED BLU | | | 120 Hz LED BLU |
| | Resolution | | 1,920 x 1,080 (16:9) | | | |
| | Pixel pitch (mm/in.) | | 0.121 x 0.363 0.004 x 0.014 | 0.153 x 0.461 0.006 x 0.018 | 0.176 x 0.530 0.006 x 0.02 | 0.210 x 0.630 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 | 1,018.08 x 572.6 40.08 x 22.54 | 1,209.6 x 680.4 47.6 x 26.7 |
| | Brightness | | 350 nit | | | |
| | Contrast ratio | | 5,000:1 | | | |
| | Viewing angle (H/V) | | 178:178 | | | |
| | Response time (G-to-G) | | 8 ms | | | |
| | Display colors | | 16.7 M | | | |
| | Color gamut | | 72% | | | |
| **Display** | Dynamic C/R | | 10,000:1 (AV Mode) | | | |
| | H-Scanning frequency | | 30 – 81 kHz | | | |
| | V-Scanning frequency | | 48 – 75 Hz | | | |
| | Maximum pixel frequency | | 148.5 MHz | | | |
| **Connectivity** | Input | RGB | Analog D-SUB, DVI-D | | | |
| | | Video | HDMI, Component(CVBS Common) | | | |
| | | Audio | Stereo mini jack | | | |
| | Output | RGB | N/A | | | |
| | | VIDEO | N/A | | | |
| | | AUDIO | Stereo mini Jack | | | |
| | | Power Out | N/A | | | |
| | External control | | RS232C(in/out) thru stereo mini jack, RJ45 | | | |
| | EXTERNAL SENSOR | | N/A | | | |
| **Power** | Type | | Internal | | | |
| | Power supply | | AC 100 - 240 V~ (+/- 10 %), 50/60 Hz | | | |
| | Power Consumption | Max (W/h) | 77 | 110 | 121 | 165 |
| | | Typical (W/h) | 47 | 58 | 65 | 86 |
| | | BTU (Max) | 262.57 | 375.1 | 412.61 | 562.65 |
| | | Sleep mode | less than 0.5W | | | |
| | | Off mode | less than 0.5W | | | |

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# Samsung MDC Series displays

## Specifications

| | | | MD32C | MD40C | MD46C | MD55C |
|---|---|---|---|---|---|---|
| **Mechanical specs** | Dimension (mm/in.) | Set | 736 x 436.0 x 93.5<br>28.9 x 17.1 x 3.6 | 925.4 x 542.6 x 93.5<br>36.4 x 21.3 x 3.6 | 1,057.8 x 617.0 x 94.5<br>41.4 x 24.2 x 3.7 | 1,248.7 x 724.2 x 94.5 |
| | | Package | 833 x 518 x 162<br>32.7 x 20.3 x 6.3 | 1,055 x 616 x 165<br>41.5 x 24.2 x 6.4 | 1,217 x 728 x 172<br>47.9 x 28.6 x 6.7 | 1,381 x 838 x 170 |
| | Weight (kg/lb) | Set | 6.4 / 14.1 | 9.8 / 21.6 | 12.6 / 27.7 | 18.5 |
| | | Package | 8.1 / 17.8 | 12 / 26.4 | 16.6 / 36.5 | 23.8 |
| | VESA mount (mm/in.) | | 200 x 200<br>7.8 x 7.8 | | 400 x 400<br>15.7 x 15.7 | |
| | Protection Glass | | N/A | | | |
| | Stand type | | Foot stand (Optional) | | | |
| | Media player option type | | Embbeded, SBB-C<br>(No Mechanical Structure) | Embbeded, SBB-C (attached) | | |
| | Bezel width (mm/in.) | | 16.3 / 0.64 (Top,Side)<br>21.9 / 0.86 (Bottom) | 17.4 / 0.68 (Top,Side)<br>22.0 / 0.86 (Bottom) | | 17.5 / 0.68 (Top,Side)<br>22.2 / 0.87 (Bottom) |
| **Operation** | Recommended Usage Hours | | 16hrs/day | | | |
| | Operating Temperature | | 0℃ ~ 40℃ | | | |
| | Humidity | | 10% ~ 80% | | | |
| **Feature** | Special | | Built in MagicInfo Lite, Built in Speaker<br>(10W + 10W), Plug and Play (through USB), PIP/PBP, Narrow Bezel, Light Weight, Built in DTV Tuner(ATSC,<br>North America & Korea) | | | |
| | Key | | Slim & Light LFD with Built-in MagicInfo Lite | | | |
| | Internal layer (Embedded H/W) | Processor | Cortex-A9 1GHz Dual Core CPU | | | |
| | | On-Chip Cache Memory | L1 (I/D) : 32KB / 32KB<br>L2 (Unified) : 512KB | | | |
| | | Clock Speed | 1GHz CPU Dual | | | |
| | | Main Memory Interface | 1GB<br>Dual 32bit DDR3-667 (1333MHz) | | | |
| | | Graphics | 2D & 3D Graphics Engine<br>- Up to 1920x1080. 32bpp<br>- Supports OpenGL ES | | | |
| | | Storage (FDM) | 4GB (1.2GB Occupied by O/S, 2.8GB Available, ) | | | |
| | | Multimedia | Video Decoder<br>- MPEG-1/2, H.264/AVC (Dual)<br>- VC-1, JPEG, PNG<br>Audio DSP (Decoder)<br>- AC3 (DD), MPEG, DTS and etc. | | | |
| | | IO Ports | USB 2.0 | | | |
| | | Operating System | Linux | | | |

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# Samsung MDC Series displays

## Specifications

| | | | MD32C | MD40C | MD46C | MD55C |
|---|---|---|---|---|---|---|
| **Certification** | Safety | | CUL (USA+Canada) : UL60950<br>TUV (Germany) : EN60950<br>CB (Europe) : IEC60950/EN60950<br>EK (Korea) : K60950<br>CCC (China) : GB8898<br>PSB (Singapore) : IEC60950<br>GOST (Russia) : IEC60950, EN55022<br>SIQ (Slovenia) : IEC60950, EN55022<br>PCBC (Poland) : IEC60950, EN55022<br>NOM (Mexico) : NOM-001-SCFI-1993<br>IRAM (Argentina) : IRAM<br>SASO (Saudi Arabia) : IEC60950 | | | |
| | EMC | | FCC (USA)  FCC Part 15, Subpart B class A<br>CE (Europe) EN55022, EN55024<br>VCCI (Japan) V-3 (CISPR22)<br>KCC (Korea) : KN22, KN24<br>BSMI (Taiwan) : CNS13438 (CISPR22)<br>C-Tick (Australia) : AS/NZS3548 (CISPR22)<br>CCC(China) : GB 9254-2008, GB 17625.1-2003 | | | |
| | Environment | | ENERGY STAR 5.0 (USA) | | | |
| **Accessories** | Optional | Stand | STN-L32D | | STN-L4055AD | |
| | | Mount | WMN4070SD<br>WMN250MD | | WMN4270SD<br>WMN250MD | |
| | | Specialty | CML400D<br>(Ceiling Mount) | | CML450D<br>(Ceiling Mount) | |
| | Included | | Quick setup guide, warranty card, application CD, D-sub cable, power cord, remote controller, batteries | | | |
| **Media Player** | CPU | | N/A | | | |
| | N/B | | | | | |
| | S/B | | | | | |
| | GPU | | | | | |
| | FDM/HDD | | | | | |
| | Memory | | | | | |
| | Ethernet | | | | | |
| | Connectivity | USB | | | | |
| | | Output | | | | |
| | | Others | | | | |

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# Samsung DMD Series displays

## Specifications

| | | | DM32D | DM40D | DM48D | DM55D |
|---|---|---|---|---|---|---|
| **Panel** | Diagonal size | | 32" | 40" | 48" | 55" |
| | Type | | | 60 Hz D-LED BLU | | 120Hz D-LED BLU |
| | Resolution | | | 1,920 x 1,080 (16:9) | | |
| | Pixel pitch (mm/in.) | | 0.12125 x 0.36375 0.00477 x 0.01432 | 0.15375 x 0.46125 0.00605 x 0.01815 | 0.183 x 0.549 0.007 x 0.021 | 0.21 x 0.63 0.008 x 0.024 |
| | Active display area (mm/in.) | | 698.4 x 392.85 27.4 x 15.4 | 885.6 x 498.15 34.8 x 19.6 | 1,054,08 x 592.92 41.4 x 23.3 | 1,209.6 x 680.4 47.6 x 26.7 |
| | Brightness (Typ.) | | 400 nit | 450 nit | | |
| | Contrast ratio (Typ.) | | | 5000:1 | | |
| | Viewing angle (H/V) | | | 178:178 | | |
| | Response time (G-to-G) | | | 8 ms | | |
| | Display colors | | | 10-bit Dithering-1.07Billion | | |
| | Color gamut | | | 72% | | |
| **Display** | Dynamic C/R | | | 50,000:1 | | |
| | H-Scanning frequency | | | 30 ~ 81 kHz | | |
| | V-Scanning frequency | | | 48 ~ 75 Hz | | |
| | Maximum pixel frequency | | | 148.5 MHz | | |
| **Connectivity** | Input | RGB | | Analog D-SUB, DVI-D, Display Port 1.2 | | |
| | | Video | | HDMI1 Component (CVBS Common) | | |
| | | Audio | | Stereo mini jack | | |
| | Output | RGB | N/A | DP1.2 (Loop-out) | | |
| | | Video | | N/A | | |
| | | Audio | | Stereo mini jack | | |
| | | Power Out | | N/A | | |
| | External control | | | RS232-C (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) | 61 | 86 | 100 | 130 |
| | | BTU (Max) | 262.57 | 412.61 | 450.12 | 600.16 |
| | | Sleep mode | | Less than 0.5 W | | |
| | | Off mode | | Less than 0.5 W | | |

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# Samsung DMD Series displays

## Specifications

| | | | DM32D | DM40D | DM48D | DM55D |
|---|---|---|---|---|---|---|
| **Mechanical specs** | Dimension (mm/in.) | 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>35.6 x 20.6 x 1.9 | 1,075.1 x 619.4 x 49.9<br>42.3 x 24.3 x 1.9 | 1,230.6 x 706.9 x 49.9<br>48.2 x 27.8 x 1.9 |
| | | Package | 801 x 470 x 118<br>31.5 x 18.5 x 4.6 | 1,000 x 585 x 126<br>39.3 x 23.0 x 4.9 | 1,185 x 715 x 148<br>46.6 x 28.1 x 5.8 | 1,348 x 810 x 148<br>53 x 31 x 5 |
| | Weight (kg/lb) | Set | 4.84 / 10.6 | 7.52 / 16.5 | 11.1 / 24.4 | 15.4 |
| | | Package | 5.9 / 13.0 | 9.1 / 20.0 | 14 / 30.8 | 19.5 |
| | VESA mount (mm/in.) | | 200 x 200<br>7.8 x 7.8 | | 400 x 400<br>15.7 x 15.7 | |
| | Protection Glass | | N/A | | | |
| | Stand type | | Foot Stand (Optional) | | | |
| | Media player option type | | Embbeded, SBB-C (Attachable) | | | |
| | Bezel width (mm/in.) | | 10.5 / 0.41 (Top,Side)<br>15.0 / 0.59 (Bottom) | | 9.5 / 0.37 (Top,Side)<br>15.0 / 0.59 (Bottom) | |
| **Operation** | Recommended Usage Hours | | 24hrs/day | | | |
| | Operating Temperature | | 0℃ ~ 40℃ | | | |
| | Humidity | | 10 ~ 80% | | | |
| **Feature** | Key | | Slim & Light LFD with Built-in MagicInfo Player S2 | | | |
| | H/W | | Super Clear Coating, Temperature Sensor, Pivot Display, Clock Battery(80hrs Clock Keeping), Built in Speaker, WiFi Module Embedded, SD Card Slot | | Super Clear Coating, Temperature Sensor, Video Wall(15x15), Pivot Display, Clock Battery(80hrs Clock Keeping), Built in Speaker, WiFi Module Embedded, SD Card Slot | |
| | Special<br>S/W | | Magic Clone(to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC,Plug and Play, PIP/PBP, Image Rotation, Button Lock, Built In MagicInfo Player S2, Firmware Update by Network, LFD New Home Screen, PC-less VideoWall, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, PC-less Touch, MagicPresenter | | Magic Clone(to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC,Plug and Play, PIP/PBP, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain(HDCP Support), Built In MagicInfo Player S2, Firmware Update by Network, LFD New Home Screen, PC-less VideoWall, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, PC-less Touch, MagicPresenter | |
| | Internal Player (Embedded H/W) | Processor | Cortex-A9 1 GHz Quad Core CPU | | | |
| | | On-Chip Cache Memory | L1 (I/D) : 32 KB / 32 KB, L2 (Unified) : 1 MB | | | |
| | | Clock Speed | 1 GHz CPU Quad | | | |
| | | Main Memory Interface | 1.5GB Dual 48bit DDR3-933 (1866MHz) | | | |
| | | Graphics | 2D & 3D Graphics Engine : Up to 1920 x 1080. 32bpp / Supports OpenGL ES® | | | |
| | | Storage (FDM) | 4GB (2GB Occupied by O/S, 2GB Available) | | | |

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# Samsung DMD Series displays

## Specifications

| | | | DM32D | DM40D | DM48D | DM55D |
|---|---|---|---|---|---|---|
| Internal Player (Embedded H/W) | | Multimedia | Video Decoder : MPEG-1/2, H.264/AVC (Dual) / VC-1, JPEG, PNG,VP8 Audio DSP (Decoder) / AC3 (DD), MPEG, DTS and etc. | | | |
| | | Host Bus | N/A | | | |
| | | IO Ports | USB 2.0 | | | |
| | | Operating System | Linux® | | | |
| Certification | Safety | | cUL (USA+Canada) : UL60950<br>TUV (Germany) : EN60950<br>CB (Europe) : IEC60950/EN60950<br>EK (Korea) : K60950<br>CCC (China) : GB4943.1<br>PSB (Singapore ) : IEC60950<br>GOST (Russia ) : IEC60950, EN55022<br>SIQ (Slovenia ) : IEC60950, EN55022<br>PCBC (Poland ) : IEC60950, EN55022<br>NOM (Mexico ) : NOM-001-SCFI-1993<br>IRAM (Argentina ) : IRAM<br>SASO (Saudi Arabia ) : IEC60950<br>BIS(India) : IS13252 | | | |
| | EMC | | FCC (USA)  FCC Part 15, Subpart B class A<br>CE (Europe) EN55022, EN55024<br>VCCI (Japan) V-3 (CISPR22)<br>KCC (Korea) :KN22, KN24<br>BSMI (Taiwan) : CNS13438 (CISPR22)<br>C-Tick (Australia) : AS/NZS3548 (CISPR22)<br>CCC(China) :GB13837-2003(CISPR13:2001), GB17625.1-2003(61000-3-2-2001) | | | |
| | Environment | | ENERGY STAR 6.0 (USA) | | | |
| 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, Wub cable, Power Cord, Remote Controller, Batteries | |
| | Optional | Stand | STN-L3240E | | STN-L4655E | |
| | | Mount | WMN4070SD<br>WMN250MD | | | |
| | | Specialty | CML400D (Ceiling Mount) | | | |
| Media Player | CPU | | SBB-C (Optional) | | | |
| | N/B | | | | | |
| | S/B | | | | | |
| | GPU | | | | | |
| | FDM/HDD | | | | | |
| | Memory | | | | | |
| | Ethernet | | | | | |
| | Connectivity | USB | | | | |
| | | Output | | | | |
| | | Others | | | | |

# Samsung DMD Series displays

## Specifications

| | | | DM65D | DM75D |
|---|---|---|---|---|
| **Panel** | Diagonal size | | 65" | 75" |
| | Type | | 60 Hz D-LED BLU | |
| | Resolution | | 1,920 x 1,080 (16:9) | |
| | Pixel pitch (mm/in.) | | 0.248 x 0.744<br>0.009 x 0.029 | 0.2865 x 0.8595<br>0.0112 x 0.0339 |
| | Active display area (mm/in.) | | 1428.48 x 803.52<br>56.23 x 31.63 | 1650.24 x 928.26<br>64.96 x 36.54 |
| | Brightness (Typ.) | | 450 nit | |
| | Contrast ratio (Typ.) | | 5000:1 | |
| | Viewing angle (H/V) | | 178:178 | |
| | Response time (G-to-G) | | 6.5 ms | 8 ms |
| | Display colors | | 10-bit Dithering-1.07Billion | |
| | Color gamut | | 72% | |
| **Display** | Dynamic C/R | | 4,000,000:1 | |
| | H-Scanning frequency | | 30 ~ 81 kHz | |
| | V-Scanning frequency | | 48 ~ 75 Hz | |
| | Maximum pixel frequency | | 148.5 MHz | |
| **Connectivity** | Input | RGB | Analog D-SUB, DVI-D, Display Port 1.2 | |
| | | Video | HDMI1 Component (CVBS Common) | |
| | | Audio | Stereo mini jack | |
| | Output | RGB | DP1.2 (Loop-out) | |
| | | Video | N/A | |
| | | Audio | Stereo mini jack | |
| | | Power Out | N/A | |
| | External control | | RS232-C (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 | Sleep mode | Less than 0.5 W | |
| | | Off mode | Less than 0.5 W | |

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# Samsung DMD Series displays

## Specifications

| | | | DM65D | DM75D |
|---|---|---|---|---|
| **Mechanical specs** | Dimension (mm/in.) | Set | 1,467.4 x 848.0 x 55.9<br>57.7 x 33.3 x 2.2 | 1,676.2 x 959.5 x 57.7<br>65.9 x 37.7 x 2.2 |
| | | Package | 1,600 x 980 x 217<br>62 x 38 x 8 | 1,810 x 1085 x 250<br>71 x 42 x 9 |
| | Weight (kg/lb) | Set | 15.4 | |
| | | Package | 19.5 | |
| | VESA Mount (mm/in.) | | 400 x 400<br>15.7 x 15.7 | |
| | Protection Glass | | N/A | |
| | Stand type | | Foot Stand (Optional) | |
| | Media player option type | | Embbeded, SBB-C (Attachable) | |
| | Bezel width (mm/in.)<br>Top/Side, Bottom | | 18.0, 23.5<br>0.7, 0.9 | 12.0, 17.3<br>0.4, 0.6 |
| **Operation** | Recommended Usage Hours | | 24hrs/day | |
| | Operating Temperature | | 0℃ ~ 40℃ | |
| | Humidity | | 10 ~ 80% | |
| **Feature** | Key | | Slim & Light LFD with Built-in MagicInfo Player S2 | |
| | Special | H/W | Super Clear Coating,  Temperature Sensor, Video Wall (15 x 15), Pivot Display, Clock Battery (80hrs Clock Keeping), Built in Speaker, WiFi Module Embedded, SD Card Slot | |
| | | S/W | Magic Clone(to USB), Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play, PIP/PBP, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain (HDCP Support), Smart Scheduling, Smart F/W update,<br>Built In MagicInfo Player S2, Firmware Update by Network, LFD New Home Screen, PC-less VideoWall, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, PC-less Touch, MagicPresenter | |
| | Internal Player (Embedded H/W) | Processor | Cortex-A9 1 GHz Quad Core CPU | |
| | | On-Chip Cache Memory | L1 (I/D) : 32 KB / 32 KB, L2 (Unified) : 1 MB | |
| | | Clock Speed | 1 GHz CPU Quad | |
| | | Main Memory Interface | 1.5GB Dual 48bit DDR3-933 (1866MHz) | |
| | | Graphics | 2D & 3D Graphics Engine<br>- Up to 1920x1080. 32bpp<br>- Supports OpenGL ES® | |
| | | Storage (FDM) | 4GB (2GB Occupied by O/S, 2GB Available) | |
| | | Multimedia | Video Decoder<br>- MPEG-1/2, H.264/AVC (Dual)<br>- VC-1, JPEG, PNG<br>Audio DSP (Decoder)<br>- AC3 (DD), MPEG, DTS and etc. | |
| | | IO Ports | USB 2.0 | |
| | | Operating System | Linux® | |

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# Samsung DMD Series displays

## Specifications

| | | | DM65D | DM75D |
|---|---|---|---|---|
| **Certification** | Safety | | CUL (USA+Canada) : UL60950<br>TUV (Germany) : EN60950<br>CB (Europe) : IEC60950/EN60950<br>EK (Korea) : K60950<br>CCC (China) : GB4943.1<br>PSB (Singapore) : IEC60950<br>GOST (Russia) : IEC60950, EN55022<br>SIQ (Slovenia) : IEC60950, EN55022<br>PCBC (Poland) : IEC60950, EN55022<br>NOM (Mexico) : NOM-001-SCFI-1993<br>IRAM (Argentina) : IRAM<br>SASO (Saudi Arabia) : IEC60950<br>BIS(India) : IS13252 | |
| | EMC | | FCC (USA) FCC Part 15, Subpart B class A<br>CE (Europe) EN55022, EN55024<br>VCCI (Japan) V-3 (CISPR22)<br>KCC (Korea) : KN22, KN24<br>BSMI (Taiwan) : CNS13438 (CISPR22)<br>C-Tick (Australia) : AS/NZS3548 (CISPR22)<br>CCC(China) : GB 9254-2008, GB 17625.1-2003 | |
| | Environment | | ENERGY STAR 6.0 (USA) | |
| **Accessories** | Included | | Quick Setup Guide, Wub cable, Power Cord, Remote Controller, Batteries | |
| | Optional | Stand | STN-L4655E | |
| | | Mount | WMN4675MD | |
| | | Specialty | CML400D (Ceiling Mount | |
| **Media Player** | CPU | | | |
| | N/B | | | |
| | S/B | | | |
| | GPU | | | |
| | FDM/HDD | | PIM (Optional) | |
| | Memory | | | |
| | Ethernet | | | |
| | Connectivity | USB | | |
| | | Output | | |
| | | Others | | |

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# Samsung DBD Series displays

## Specifications

| | | | DB32D | DB40D | DB48D | DB55D |
|---|---|---|---|---|---|---|
| **Panel** | Diagonal size | | 32" | 40" | 48" | 55" |
| | Type | | 60 Hz D-LED BLU | | | |
| | Resolution | | 1,920 x 1,080 (16:9) | | | |
| | Pixel pitch (mm/in.) | | 0.12125 x 0.36375 0.00477 x 0.01432 | 0.15375 x 0.46125 0.00605 x 0.01815 | 0.183 x 0.549 0.007 x 0.021 | 0.21 x 0.63 0.008 x 0.024 |
| | Active display area (mm/in.) | | 698.4 x 392.85 27.4 x 15.4 | 885.6 x 498.15 34.8 x 19.6 | 1054.08 x 592.92 41.49 x 23.34 | 1209.6 x 680.4 47.62 x 26.78 |
| | Brightness (Typ.) | | 350 nit | | | |
| | Contrast ratio (Typ.) | | 5000:1 | | | |
| | Viewing angle (H/V) | | 178:178 | | | |
| | Response time (G-to-G) | | 8 ms | | 6 ms | |
| | Display colors | | 16.7M | | | |
| | 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 | | | |
| **Connectivity** | Input | RGB | Analog D-SUB, DVI-D | | | |
| | | Video | HDMI1 Component (CVBS Common) | | | |
| | | Audio | Stereo mini jack | | | |
| | 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) | 43W(US), 60W | 60W(US), 82W | 65W(US), 95W | 86W(US), 125W |
| | | BTU (Max) | 262.57 | 412.61 | 450.12 | 600.16 |
| | | Sleep mode | less than 0.5 W | | | |
| | | Off mode | less than 0.5 W | | | |

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# Samsung DBD Series displays

## Specifications

| | | | DB32D | DB40D | DB48D | DB55D |
|---|---|---|---|---|---|---|
| **Mechanical specs** | 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 | 1,230.6 x 706.9 x 49.9 48.4 x 27.8 x 1.9 |
| | | Package | 801 x 470 x 118 31.5 x 18.5 x 4.6 | 1,000 x 585 x 126 39.3 x 23.0 x 4.9 | 1,185 x 715 x 148 46.6 x 28.1 x 5.8 | 1,348 x 810 x 148 53.0 x 31.8 x 5.8 |
| | Weight (kg/lb) | Set | 4.8 / 10.5 | 7.5 / 16.5 | 11.1 / 24.4 | 15.4 / 33.9 |
| | | Package | 5.9 / 13.0 | 9.1 / 20.0 | 14 / 30 | 19.5 / 42.9 |
| | VESA mount (mm/in.) | | 200 x 200 / 7.8 x 7.8 | | 400 x 400 / 15.7 x 15.7 | |
| | Protection Glass | | N/A | | | |
| | Stand type | | Foot Stand (Optional) | | | |
| | Media player option type | | N/A | Embedded, SBB-C (Attachable) | | |
| | Bezel width (mm/in.) | | 10.5 / 0.4 (Top) 15.0 / 0.5 (Bottom) | 9.5 / 0.3 (Top,Side) 15.0 / 0.5 (Bottom) | | |
| **Operation** | Recommended Usage Hours | | 16 hr / 7 days | | | |
| | Operating Temperature | | 0℃ ~ 40℃ | | | |
| | Humidity | | 10~80% | | | |
| **Feature** | Key | | Slim & Light LFD with Built-in MagicInfo Player S2 | | | |
| | Special | H/W | Magic Clone (to USB), Auto Source Switching & Recovery, Lamp Error Detection, Super Clear Coating, Temperature Sensor, RS232-C/RJ45 MDC, Plug and Play (DDC2B), PIP/PBP, Video Wall (15 x 15), Pivot Display, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain (Supporting 2 x 2 UHD Resolution, HDCP Support), Smart Scheduling, Smart F/W update, Clock Battery (80 hours Clock Keeping), Built-in Speaker Built-in MagicInfo S, SD Card Slot | | | |
| | | S/W | | | | |
| **Feature** | Internal Player (Embedded H/W) | 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 nterface | 1.5GB 48bit DDR3-933 (1866MHz) | | | |
| | | Graphics | 2D & 3D Graphics Engine : Up to 1920x1080. 32bpp / Supports OpenGL ES® | | | |
| | | Storage (FDM) | 4GB (2GB Occupied by O/S, 2GB 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. | | | |
| | | Host Bus | N/A | | | |
| | | IO Ports | USB 2.0 | | | |
| | | Operating System | Linux® | | | |

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# Samsung DBD Series displays

## Specifications

| | | | DB32D | DB40D | DB48D | DB55D |
|---|---|---|---|---|---|---|
| **Certification** | Safety | | cUL (USA+Canada) : UL60950<br>TUV (Germany) : EN60950<br>CB (Europe) : IEC60950/EN60950<br>EK (Korea) : K60950<br>CCC (China) : GB4943.1<br>PSB (Singapore ) : IEC60950<br>GOST (Russia) : IEC60950, EN55022<br>SIQ (Slovenia) : IEC60950, EN55022<br>PCBC (Poland) : IEC60950, EN55022<br>NOM (Mexico) : NOM-001-SCFI-1993<br>IRAM (Argentina) : IRAM<br>SASO (Saudi Arabia) : IEC60950<br>BIS (India) : IS13252 | | | |
| | EMC | | FCC (USA) FCC Part 15, Subpart B class A<br>CE (Europe) EN55022, EN55024<br>VCCI (Japan) V-3 (CISPR22)<br>KCC (Korea) : KN22, KN24<br>BSMI (Taiwan) : CNS13438 (CISPR22)<br>C-Tick (Australia) : AS/NZS3548 (CISPR22)<br>CCC(China) : GB 9254-2008, GB 17625.1-2003 | | | |
| | Environment | | ENERGY STAR 6.0® (USA) | | | |
| **Accessories** | Included | | Quick Setup Guide, Warranty Card,<br>D-Sub cable, Power Cord,<br>Remote Controller, Batteries | | | |
| | Optional | Stand | STN-L3240E | | STN-L4655E | |
| | | Mount | WMN4270SD, WMN250MD | | | |
| | | Specialty | CML400D (Ceiling Mount) | | CML450D (Ceiling Mount) | |
| **Media Player** | CPU | | SBB-C (Optional) | | | |
| | N/B | | | | | |
| | S/B | | | | | |
| | GPU | | | | | |
| | FDM/HDD | | | | | |
| | Memory | | | | | |
| | Ethernet | | | | | |
| | Connectivity | USB | | | | |
| | | Output | | | | |
| | | Others | | | | |

# Legal and additional information

## About Samsung

Samsung Electronics Co., Ltd. is a global leader in technology, opening new possibilities for people everywhere. Through relentless innovation and discovery, we are transforming the worlds of TVs, smartphones, tablets, PCs, cameras, home appliances, printers, LTE systems, medical devices, semiconductors and LED solutions. We employ 286,000 people across 80 countries with annual sales of US$216.7 billion. To discover more, please visit www.samsung.com.

## For more information

For more information about Samsung MEC, MDC, DMD and DBD Series Professional Signage Displays, visit
www.samsung.com/business or
www.samsung.com/displaysolutions.

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