About Samsung

Samsung inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, digital appliances, network systems, and memory, system LSI, foundry and LED solutions. For the latest news, please visit the Samsung Newsroom at http://news.samsung.com.

For more information

For more information about Samsung Interactive Display, SMART LED Signage, SMART Signage, and Business Monitor, visit www.samsung.com/business or www.samsung.com/displaysolutions
One of the keys to a QSR's success is the ability to provide customers with their food quickly and correctly. Samsung’s QSR digital displays create an improved customer experience by offering them multiple ways to order their food that fits their needs. In the modern QSR setting, customers can now order their food via a self-service kiosk, mobile ordering or a drive-through line.

Not only do QSR have to focus on the competition, it has to watch the mobile/app food ordering and food delivery services, as those are becoming more of a trend. With all these changes, the QSR industry has had to make rapid changes in how they present information to customers. Presenting menu items with vivid images, accurate information and orders being prepared correctly and promptly are more important than ever.

Samsung’s QSR displays not only help these businesses meet those expectations, they help improve the three values to the industry – speed and accuracy, maximize profits and premier brand awareness. By digitizing and modernizing the QSR industry, Samsung’s displays are the perfect partner for these businesses.

**Speed and accuracy**
One of the keys to a QSR’s success is the ability to provide customers with their food quickly and correctly. Samsung’s QSR digital displays create an improved customer experience by offering them multiple ways to order their food that fits their needs. In the modern QSR setting, customers can now order their food via a self-service kiosk, mobile ordering or a drive-through line.

**Maximize profits**
Samsung’s digital display creates a great customer experience, but they can also increase the QSRs revenue by recommending premium or high-value items first. QSRs can also customize appetizers, sides and meal plans they want the customers to choose from on the digital display, which could grow the businesses revenue.

**Premium brand image**
Effectively presenting food is not only an important part of the QSR industry but creating a positive brand awareness is equally as important. Samsung’s digital displays create a modern and sophisticated interior at QSRs, increasing customer’s perception of the brand. If customers are impressed with the inside of a restaurant, they are likely to return.
What Samsung offers

Using Samsung’s full-line of digital displays allows the QSR industry to revitalize its stores and creates a modern and forward-thinking restaurant. Whether the signage is used indoors or outdoors, consumer facing or employee facing, digital signage makes an impressive statement, commanding attention from consumers and competitors alike. Samsung has used its knowledge and technology to reinvent the fast-food industry.
Outdoor signage: OHF series

Durable design for outdoor usage
Samsung’s digital displays are designed with a sleek and strong built-in control box and network core, making this the ideal display for QSRs outdoor needs. Installation is simple and regardless of the users’ IT abilities, these digital displays can be operated effortlessly. Backed by the IK-10, IP56 guarantees, QSRs know the display will perform 24/7, without failure. Lastly, these digital displays include a state-of-the-art, non-filter cooling-system that is also energy efficient.

Robust performance outdoors
Samsung’s QSR displays project a phenomenal 2,500-nit brightness for impressive images and text. With an unsurpassed 5,000:1 contrast ratio, all content presented outdoors is crisp and vibrant. Its circular polarizing technology reduces display blindness and the Magic Glass technology creates a durable, anti-reflective screen for easy visibility.

Semi-outdoor signage: OMD series

Brilliant presentation in any environment
Samsung’s digital displays for the QSR industry allows businesses to attract more customers to its restaurants with its sleek design and outstanding visual performance in any surrounding. With the ability for businesses to tailor the brightness of a display to meet their needs, they are also able to manage their energy consumption with a sensor imbedded in the display.

Powerful functionality with multiple operational uses
An ergonomic design and pivot abilities, Samsung’s digital displays are an ideal partner for the QSR industry. The displays remain quiet even while in operation mode and its innovative design allows the display to have a constant and reliable connection throughout the business day while being energy efficient at the same time.

Outdoor digital menu board
Deliver clear and precise information regardless of the weather condition

Samsung’s outdoor digital was designed to withstand many different weather elements. From high temperatures, direct sunlight, rain, snow and even dust and dirt, businesses are assured that its digital signage will perform continuously with the most vibrant images available. The digital displays went through rigorous testing to validate the durability of the signage, from extreme temperature and moist chambers, Samsung ensured its reliability in any setting including vandalism.

Through rain or shine, Samsung’s digital signage projects the most realistic and bright images for consumers as they approach the menu board. No matter the time of the day, light interference is banned, maintaining the brightness of the display at all times. Along with the vibrant images, the digital signage must be available 24/7, working around the clock. In addition, with its 2,500-nit high brightness, 5,000:1 contrast ratio and anti-reflection glass, content will be visible under direct sunlight.

The outdoor signage is not only reliable, but it also has a sleek, all-inclusive slim depth design with an embedded power box. Also included is the filter-less, self-cooling technology that allows the display to be easy to maintain and a reduced TCO. With an easy to install process, businesses are able to assemble its digital signage quickly and effortlessly.
Indoor digital menuboard

Entice customers with highlighted menu items that true-to-life, increasing hunger.

Designed to present customers with the most vibrant, clear and crisp content on any menu board, Samsung’s QSR digital displays are the greatest compliment to any QSR. With its non-glare, high bright and contrast panel, QSRs present customers information clearly. Information on the digital displays should not only be enticing but should also be up-to-date. Customers need the most accurate information when making their menu selections, and the displays ensure restaurants are able maintain menu selections at all times.

Restaurants also want the ability to feature menu selections or promotions when customers enter the business. Samsung’s digital signage gives owners the opportunity to advertise premium menu items, highlight features, seasonal specials or specialty items with visual images to stimulate customers hunger, increasing revenue for the business.

Digital signage in a restaurant could also list the nutrition and allergen information clearly for customers to view, without being obtrusive or taking away from the ordering process. This detailed information is being asked by customers more and restaurants can address these concerns, creating a safe dining experience.

With enticing images, informed customers and recommended entrees, restaurants can easily manage its businesses at a reasonable price and without sacrificing picture quality. Samsung’s digital displays have remote hardware and software capabilities that allow users to monitor the displays, regardless of their location. With its integrated technology, users no longer need to rely on a PC or media player, the display has it all included. Users effortlessly control the display with its flexible display management tools and are assured of it uninterrupted performance 24/7. Also included in the display is a state-of-the-art security system featuring Samsung’s Knox and Tizen operating systems.

Clear content delivery with slim design

Samsung’s TIZEN-powered PHM series is not only powerful but is also a sleek and sophisticated display. For use in any business setting, the PMH series’ robust picture guarantees brilliant images, no matter the material being presented. Built to be reliable and long-lasting, this display performs with continuous pictures enabling consumers to be assured their messages will be delivered as expected.

Extraordinary operating features

Samsung’s digital displays have remote hardware and software capabilities that allow users to monitor the displays, regardless of their location. With its integrated technology, users no longer need to rely on a PC or media player, the display has it all included. Users effortlessly control the display with its flexible display management tools and are assured of it uninterrupted performance 24/7. Also included in the display is a state-of-the-art security system featuring Samsung’s Knox and Tizen operating systems.

Advanced user friendly tools

QSRs are looking to modernize its environment and are beginning to incorporate Samsung’s digital displays throughout its stores. Samsung’s digital displays with FHD picture quality, allows users to incorporate an entry-level display into their businesses at a reasonable price and without sacrificing picture quality. Included in these models are convenient pivot functionality for displaying content in many different directions. In addition, the displays work with little noise, not taking away from the content being delivered while being energy efficient.

UHD signage: QMN / QBN series

Intelligent picture quality

Whether a restaurant is featuring a new menu item or highlighting a limited-time promotion, restaurants need to provide clear and concise information to the customers at all times. Samsung’s digital displays help businesses achieve these goals with its Intelligent Picture Quality technology. This technology transforms content from any source to UHD-level quality with optimized on-screen graphics, deploying food images that true-to-life. With Samsung’s digital displays, restaurants are assured of consistent performance throughout each shift.

FHD signage: PHF / PMH series

Clear content delivery with slim design

Samsung’s TIZEN-powered PMH series is not only powerful but is also a sleek and sophisticated display. For use in any business setting, the PMH series’ robust picture guarantees brilliant images, no matter the material being presented. Built to be reliable and long-lasting, this display performs with continuous pictures enabling consumers to be assured their messages will be delivered as expected.
Self-order kiosk
Accelerate the ordering and checkout process with digital signage

Self-ordering kiosks introduced to QSR allow customers to place their own order instead of waiting in line, increasing customer satisfaction. With vivid imagery of the menu, customers can choose and customize their order with ease with little engagement with the staff.

Interactive display: PMF-BC series

Comfortable, multi-point capacitive touch communication
Through capacitive touch technology and a user-friendly design, Samsung’s PMF-BC displays foster a comfortable, easy-to-navigate digital writing experience. The interactive displays can accommodate 10 Unique touch points while maintaining the smooth, familiar feel of analog board or pen-and-paper writing, and without interference from dust, sunlight or other natural variables.

Take control at a QSR with Samsung’s self-service kiosks
Samsung’s impressive digital display includes a robust glare-free panel that is not only dependable, but also built with a dust-resistant design. The display was developed to have consistent, 24/7 performance but also be resilient and powerful. The unyielding design does not allow dust in the display and includes an anti-glare panel to tolerate any environment.

Interactive Management solution
Intuitive management solutions to control digital displays throughout QSRs, allowing users to create and update information easily as and needed.

Samsung’s solutions and services
Manage QSR digital signage with Samsung’s innovative technology solutions

Samsung’s QSR solution

SSSP solution
The Samsung Smart Signage Platform (SSSP) is an, open-source all-in-one solution that is embedded in Samsung’s SMART signage and doesn’t require any additional devices to communicate with the server and play digital media. Managing digital signage has never been easier with SSSP platform that essentially replaces an external media player with a SoC-based app launcher. SSSP is a robust platform that is designed to give partners the freedom to create software on their Samsung displays, resulting in an integrated media player.

MagicINFO solution
Samsung’s comprehensive MagicINFO platform can remotely manage both hardware and software through one single-point management system. With this solution, QSRs can conveniently create, schedule and display content across its entire digital signage network. MagicINFO enables content teams to update menu and promotion information from any location at any time that creates greater user control from one central location. The platform also is compatible with a host of display types, ensuring the delivery of compelling content regardless of the operational framework.

Remote management solution
For a SSSP Partner that has its own CMS solution, Samsung MagicINFO Remote Management Solution is a perfect fit for advanced needs. Samsung Remote Management Solution allows in-depth remote monitoring of the digital devices and eliminates the need for site visits or service calls. The Remote Management Solution platform synchronizes with QSRs’ CRM and provides a complete review of hardware and display content. Though its install package is the same with MagicINFO Server, there is a separate license key for Samsung’s Remote Management Solution.
Indoor LED display: IF series

Showcase brilliant true-to-life imagery
Through in-depth color management, Samsung’s IF series has the ability to preserve constant graduation of images, ensuring pictures are true-to-life. The display uses technology that is nearly twice as high as the standard LED, showcasing all the displays content brilliantly. The IF series contains dynamic peaking technology that elevates images while removing interference from natural lighting.

Video wall display: UHF-E series

Deeper visual impact with thin bezel
Samsung created the extreme narrow bezel video wall to be a robust display that is impactful but not intrusive. The wall has a 1.7mm bezel-to-bezel width that yields a seamless picture across multiple screens, and is configured to the user’s needs without being bulky. Samsung’s video wall is a non-glare display that distributes light through the screen, while preserving the vivid pictures and original information.

Attraction display
Capture customer’s attention with impressive digital images and messages

Large digital displays presenting customers with menu items are the focal point of any QSR, creating a high-end dining experience. These dynamic displays deliver information to customers while waiting to place an order and can increase sales by encouraging certain items.

Crew management solution
improve crews’ collaboration and productivity with interactive display and business monitor

Create a productive working space where team members can actively participate and share ideas regardless of their location in the room.

Interactive Display: Flip

Modernized meeting space for QSR
As meetings are becoming more important in businesses, it is imperative to engage and collaborate with team members effectively during the time allotted. Samsung’s digital signage offers many different options to businesses to incorporate these displays into a meeting space. The Flip is an ideal option as members can write, delete and edit content being presented, save the information and email it to all, the participants after the meeting has concluded. Also, with a screen-lock function, this versatile display can be utilized as an instant menu board.

Business monitor

Flexible configuration
Building a visually appealing video wall that is customizable allows users freedom to design a distinctive display that is exclusive to them. The video wall attaches to a surface with wall mounts sized to dimensions of the video and hidden with no distractions. An easy to understand installation guide elevates steps during installation. User-friendly design and wall mounts allow for more precision video wall that performs.
### Standalone signage

<table>
<thead>
<tr>
<th>Project</th>
<th>Screen Size</th>
<th>Resolution</th>
<th>Brightness</th>
<th>Note</th>
<th>Operating Hour</th>
<th>Connectivity</th>
<th>S/W</th>
</tr>
</thead>
<tbody>
<tr>
<td>QHN</td>
<td>43&quot;, 49&quot;, 55&quot;, 65&quot;, 75&quot;</td>
<td>580 x 2768</td>
<td>560 nit</td>
<td>Non-Glare</td>
<td>24/7</td>
<td>In: DVI(D), DP1.2(D), HDMI2.0(D), USB 2.0(D), RS232C, RJ45,</td>
<td>Built in MagicInfo Lite, SSSP 4.0 (In), MagicInfo Lite, SSSP 4.0 (Out)</td>
</tr>
<tr>
<td>QBN</td>
<td>43&quot;, 49&quot;, 55&quot;, 65&quot;, 75&quot;</td>
<td>580 x 2768</td>
<td>355 nit</td>
<td>Glare</td>
<td>14/7</td>
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<tr>
<td>UNH</td>
<td>65&quot;, 70&quot;, 75&quot;</td>
<td>580 x 2768</td>
<td>560 nit</td>
<td>Non-Glare</td>
<td>24/7</td>
<td>In: DVI(D), DP1.2(D), HDMI2.0(D), USB 2.0(D), RS232C, RJ45,</td>
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<tr>
<td>QHF</td>
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<td>560 nit</td>
<td>Non-Glare</td>
<td>24/7</td>
<td>In: DVI(D), DP1.2(D), HDMI2.0(D), USB 2.0(D), RS232C, RJ45,</td>
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<tr>
<td>QHH</td>
<td>65&quot;, 70&quot;, 75&quot;</td>
<td>580 x 2768</td>
<td>300 nit</td>
<td>Glare</td>
<td>14/7</td>
<td>In: DVI(D), DP1.2(D), HDMI2.0(D), USB 2.0(D), RS232C, RJ45,</td>
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<tr>
<td>PHF</td>
<td>43&quot;, 49&quot;, 55&quot;, 65&quot;, 75&quot;</td>
<td>1020 x 1080</td>
<td>700 nit</td>
<td>Non-Glare</td>
<td>24/7</td>
<td>In: DVI(D), DP1.2(D), HDMI2.0(D), USB 2.0(D), RS232C, RJ45,</td>
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<td>Built in MagicInfo Lite, SSSP 4.0 (In), MagicInfo Lite, SSSP 4.0 (Out)</td>
</tr>
<tr>
<td>PMH</td>
<td>43&quot;, 49&quot;, 55&quot;, 65&quot;, 75&quot;</td>
<td>1020 x 1080</td>
<td>560 nit</td>
<td>Non-Glare</td>
<td>24/7</td>
<td>In: DVI(D), DP1.2(D), HDMI2.0(D), USB 2.0(D), RS232C, RJ45,</td>
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<td>MDX</td>
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<td>1020 x 1080</td>
<td>355 nit</td>
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<td>14/7</td>
<td>In: DVI(D), HDMI 1.4(D), DVI-D(D), DL-360, USB 2.0(D), RS232C, RJ45,</td>
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<td>Built in MagicInfo Lite, SSSP 4.0 (In), MagicInfo Lite, SSSP 4.0 (Out)</td>
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### Interactive display

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<tr>
<th>Project</th>
<th>Screen Size</th>
<th>Resolution</th>
<th>Brightness</th>
<th>Touch Type</th>
<th>Touch</th>
<th>Connectivity</th>
<th>Operating Systems</th>
<th>S/W</th>
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<tbody>
<tr>
<td>PMH-DC</td>
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<td>330 x 2070</td>
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### MagicINFO solution

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<td>-099</td>
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<table>
<thead>
<tr>
<th>OS</th>
<th>Windows Server 2008 / 2012 / 2016</th>
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<tbody>
<tr>
<td>CPU</td>
<td>Intel i3/i5/i7 1200-2600 or better</td>
</tr>
<tr>
<td>RAM</td>
<td>8 GB or more</td>
</tr>
<tr>
<td>HHD</td>
<td>All at least 100 GB for basic setup (operating system and server application)</td>
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### LED signage

<table>
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<th>Project</th>
<th>Pixel Pitch</th>
<th>Drive Type</th>
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### Video wall display

<table>
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<th>Screen Size</th>
<th>Pixel Pitch</th>
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<table>
<thead>
<tr>
<th>Flips</th>
<th>Project Screen Size</th>
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<th>Touch Type</th>
<th>Touch</th>
<th>Connectivity</th>
<th>Operating System</th>
<th>S/W</th>
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<table>
<thead>
<tr>
<th>Monitor</th>
<th>Screen Size</th>
<th>Flat/Curved</th>
<th>Resolution</th>
<th>Brightness</th>
<th>Viewing angle</th>
<th>Connectivity</th>
<th>USB-C</th>
<th>Eye Laser Mode</th>
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*HEAVILY DEPENDENT ON THE AMOUNT OF CONTENT DATA TO BE STORED ON THE SERVER*