Samsung Healthcare Display Solutions

Engage patients in real-time with superior picture quality

LED Signage | SMART Signage | QLED 8K Signage | Hospital TV | LYNK Solution | MagicINFO Solution

About Samsung Electronics Co., Ltd.
Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, cameras, digital appliances, medical equipment, network systems, and semiconductor and LED solutions. For the latest news, please visit the Samsung Newsroom at news.samsung.com.

For more information
For more information about Samsung SMART Signage, visit www.samsung.com/business or www.samsung.com/displaysolutions

Copyright © 2019 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

2019-12
Samsung Healthcare Display Solution is suited to the needs of any healthcare facility

Hospitals are mission-critical environments and clear, concise communication is important to ensure the right messages are delivered at the right time. From navigating the facility, to donor walls, to patient care facilities, there are a host of use cases within a hospital where an impactful display solution can deliver the sophisticated tools needed to communicate quickly and efficiently throughout the facility.

Patients, visitors, doctors and hospital employees all need regular, up-to-date and targeted information whilst onsite. Having an easy-to-navigate experience creates a much less stressful atmosphere at a time when tensions are already running high. As hospitals increasingly look to create these enhanced experiences, hospital managers need to differentiate what they offer to stay ahead of the competition, and an innovative display solution can help them do just that.

Samsung’s healthcare displays enable businesses in the hospital industry to meet the growing expectations of patients, visitors and staff. In addition, these optimized displays deliver on the most important values to the industry – differentiated experience, fast and easy communication, and productivity with reduced administration costs.

**Differentiation**
Deliver a differentiated overall patient experience and improve health care service through display solutions.

**Communication**
Provide engaging and informative content to keep staff updated, while helping patients, families and visitors easily navigate their time on site.

**Productivity**
Increase hospital productivity with more efficient collaboration between doctors, staff and patients.
What Samsung offers

Samsung, the number one global digital signage solution provider, offers a comprehensive portfolio of display solutions for a wide array of applications including wayfinding, waiting area, lobby, station, conference room, doctor’s room and patient’s room.

**Way finding**
Patients, employees and family members are completely reliant on clear and easy-to-navigate directories and information. Digital displays can help all visitors ensure they get exactly where they need to go with interactive maps and signage.

**Waiting areas**
Target patients and visitors with relevant information while they are waiting to be treated, improving engagement and reducing perceived wait times by capturing their attention with displays that provide important and comforting hospital information.

**Doctor’s room**
High-impact display solutions such as a business monitor can increase the work efficiency of a doctor’s meeting with a patient, ensuring a productive and comfortable setting for both the doctor and their visitors.

**Station**
Create more effective individual workstations with signage and displays that improve work efficiency, collaboration and enable every workspace to become a hub for sharing timely, up-to-date information with doctors, patients and visitors.

**Conference room**
Utilizing the latest 8K displays featuring DICOM simulation mode allows medical teams to collaborate quickly and efficiently in conference rooms and other private meeting areas while ensuring teams can easily review patient’s medical information.

**Entrance & Lobby**
Differentiate the hospital brand and display useful information such as doctor profiles, patient stories and testimonials, information about facility amenities or innovative medical approaches using indoor LED signage or a video wall solution.

**Patient’s room**
Offering the latest TV technology paired with a simple, centralized management solution can help give patients some enjoyment and create a more familiar, home-like experience.
Entrance & Lobby

Engage visitors from the moment they arrive with informative, real-time content

Differentiate the hospital brand and display useful information such as doctor profiles, patient stories and testimonials, information about facility amenities or innovative medical approaches using indoor LED signage or a video wall solution.

Indoor LED signage: IF, IER series

Showcase brilliant true-to-life imagery

Through in-depth color management, Samsung’s indoor LED signage 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 information and advertisement brilliantly. The IF series contains dynamic peaking technology that elevates images while removing interference from natural lighting.

A clean, hassle-free installation

A hook-based design allows Samsung’s indoor LED signage to be mounted screens in a single, smooth motion. This seamless installation eliminates gaps while keeping all front and rear components visible and accessible for quick-turn maintenance. The IF, IER series’ compact, durable design also can withstand damage from natural events as strong as a Level 4 earthquake, while also meeting Americans with Disabilities Act (ADA) protrusion regulations.

Video wall display: VHR-R, UHF-E, UHF5 series

Deeper visual impact with thin bezel

Samsung created the extreme narrow bezel video wall to be a robust display that is impactful to pedestrians moving through a lobby, entrance or other venue in hospital. The video wall’s ultra-slim bezel that yields a seamless picture across multiple screens. Samsung’s video wall is a non-glare display that distributes light through the screen, while preserving the vivid pictures and original information.

Securely stabilized in any configuration

Building a visually appealing video wall that is customizable to any locations in hospital and gives the 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.
Way finding

Help visitors easily navigate your facility

Patients, employees and family members are completely reliant on clear and easy-to-navigate directories and information. Digital displays can help all visitors ensure they get exactly where they need to go with interactive maps and signage.

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 up to 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.

*The number of available touch points varies depending on configuration. Connected external PCs provide the PMF-BC display with 10 touch points, while the integrated operating system supports two additional touch points.

Directional signage: SH37R series

New widescreen displays deliver clear information 24/7

Samsung’s new widescreen stretched displays support 24/7 operation and unparalleled visual clarity with high brightness and non-glare panels ensuring critical information is fully visible any time of the day or night. The display’s simple, straightforward design and content management ensure easy implementation with DP Loop Out and USB Playback functionality.

Waiting areas

Improve the waiting experience with engaging content

Target patients and visitors with relevant information while they are waiting to be treated, improving engagement and reducing perceived wait times by capturing their attention with displays that provide important and comforting hospital information.

UHD signage: QMR/QBR series

Intelligent UHD upscaling

Samsung’s cutting-edge intelligent UHD upscaling technology performs edge restoration and noise reduction to deliver perfect UHD picture quality for hospital, even with lower resolution content. This "future-proof" solution ensures best-in-class picture quality regardless of the original content resolution.

* "Conventional" refers to the models that do not adopt UHD upscaling function.

Streamlined operational efficiency

The embedded MagicInfo Player, backed by the powerful TIZEN operating system, boosts the displays overall performance, allows for painless content management and seamless content transition. Built to be reliable and long lasting, Samsung’s UHD signage performs with continuous information enabling hospitals to be assured that important information will be delivered 24/7 and in real-time.
Conference room

View patient details in perfect clarity

Utilizing the latest 8K displays featuring DICOM simulation mode allows medical teams to collaborate quickly and efficiently in conference rooms and other private meeting areas while ensuring teams can easily review patient’s medical information.

QLED 8K signage: QPR-8K series

Spectacular 33-million-pixel resolution

Samsung QLED 8K offers ground-breaking, super-high resolution, 4 times higher than 4K UHD content and 16 times higher than FHD. With more than 33 million pixels, QLED 8K provides exceptional depth and detail, resulting in a spectacularly immersive viewing experience in any environment.

8K AI upscaling

QLED’s Quantum processor 8K uses AI-powered machine learning to compare data from millions of images to reduce noise and refine details, delivering clearer picture, improved resolution and a memorable viewing experience in stunning detail, regardless of the original source quality or format.

DICOM simulation mode support

Digital Imaging and Communication in Medicine (DICOM) is the widely-adopted standard for handling, storing, printing and transmitting medical imaging information. Samsung displays feature DICOM Simulation Mode, giving users the ability to reproduce grayscale medical images, such as X-rays, for non-diagnostic, reference purposes only. And with Samsung’s superior display technology, images are seen in exceptional detail and clarity up to 8K resolution and 98-inches.

* Available after Feb. 2020
Station
Create hubs at every station with informative displays
By using small-sized display in front of each station throughout the hospital, work efficiency will be increased and enable every workspace to become a hub for sharing timely, up to date information to doctors, patients and visitors.

Samsung Workspace
Work smarter with virtual workspaces
With Samsung Workspace, users get enhanced wireless connectivity from their display to any PC as well as access to web-based cloud services including Microsoft Office 365 and VMware Horizon. Without needing any physical connection, users can remotely access a PC or files from a cloud server by simply connecting a keyboard and mouse to compatible Samsung SMART Signage.

Samsung Flip 2
Multifaceted collaboration in any setting
Samsung Flip offers a more versatile alternative to analog board and paper notation, centralizing all meeting needs into a single, fully-integrated idea generation forum for simultaneous interaction. Through an intuitive interface and touch-ready design, Samsung Flip fosters a smooth, natural writing experience. The Flip display also allows users to import the information from their personal devices, and share the notes via email effortlessly.

Small sized display
Enhanced communication in a compact display
Samsung’s small sized display enables personalized and more impactful communication through its compact and versatile design. An all-in-one solution designed for professional use, small sized display improves the operational efficiency of content, while also ensuring reliable performance for any usage.

Patient’s room
Provide a patient-friendly experience
Offering the latest TV technology paired with a simple, centralized management solution can help give patients some enjoyment and create a more familiar, home-like experience.

Hospital TV
In-room patient entertainment
Samsung’s hospital TV line-up includes a wide range of features and specifications. With slim designs to maximize in-room space and superior image quality and usability, Samsung TV’s can provide a welcome reprieve for patients.

Samsung LYNK solution
Simple and comprehensive TV management
Samsung’s LYNK solution transforms in-room hospital TVs into a control and management hub, combining critical capabilities into a single solution. This integrated solution enables hospitals to operate more efficiently, allowing staff to focus on a patient’s wellbeing and providing differentiated services such as streamlined information delivery channels and convenient communication options.

Doctor’s room
Enable increased efficiency and a productive environment
High-impact display solutions such as a business monitor can increase the work efficiency of a doctor’s meeting with a patient, ensuring a productive and comfortable setting for both the doctor and their visitors.

Business monitor
Flexible Configuration
Samsung’s business monitors promote productivity through ergonomic efficiency. These customizable monitors feature height-adjustable stands and pivot, swivel and tilt options that allow users to adjust positioning and place screens at eye level. If necessary, these displays also can be removed and attached to VESA-supported wall mounts for added visibility.
**Management solution: MagicINFO, SSSP solution**

Manage your display devices and contents comprehensively

Along with partners, Samsung provides intuitive management solutions that allow the users to have a great ability to manage and control all of the devices, creating and updating information easily and as needed.

**MagicINFO solution**

Samsung’s comprehensive MagicINFO platform can remotely manage both hardware and software through one single-point management system. With this solution, users can conveniently create, schedule and deploy content across its entire digital signage network. MagicINFO enables content teams to update information or advertising contents 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.

**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 Suc-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.

**Remote management solution**

Thanks to Samsung MagicINFO Remote Management Solution, a SSSP Partner that has its own CMS solution can perform in-depth remote monitoring of the digital devices and eliminate the need for site visits or service calls.

---

**LED signage**

- **Project:** Player S5
  - **Model Pitch:** 51.1 mm
  - **Display Type:** Edge-Lit LED Display
  - **Brightness:** 2,500 nit
  - **Contrast Ratio:** 5,000:1
  - **Operation Mode:** 24/7
  - **API:** Yes
  - **Certification:** CE, FCC, UL, C-Tick, BIS, PCA, RoHS

- **Project:** Player S6
  - **Model Pitch:** 51.1 mm
  - **Display Type:** Edge-Lit LED Display
  - **Brightness:** 2,500 nit
  - **Contrast Ratio:** 5,000:1
  - **Operation Mode:** 24/7
  - **API:** Yes
  - **Certification:** CE, FCC, UL, C-Tick, BIS, PCA, RoHS

---

**QLED 8K signage**

- **Project:** Player S6
  - **Model Pitch:** 51.1 mm
  - **Display Type:** Edge-Lit LED Display
  - **Brightness:** 2,500 nit
  - **Contrast Ratio:** 5,000:1
  - **Operation Mode:** 24/7
  - **API:** Yes
  - **Certification:** CE, FCC, UL, C-Tick, BIS, PCA, RoHS

---

**Video wall display**

- **Project:** Player S5
  - **Model Pitch:** 51.1 mm
  - **Display Type:** Edge-Lit LED Display
  - **Brightness:** 2,500 nit
  - **Contrast Ratio:** 5,000:1
  - **Operation Mode:** 24/7
  - **API:** Yes
  - **Certification:** CE, FCC, UL, C-Tick, BIS, PCA, RoHS

---

**Interactive display**

- **Project:** Player S5
  - **Model Pitch:** 51.1 mm
  - **Display Type:** Edge-Lit LED Display
  - **Brightness:** 2,500 nit
  - **Contrast Ratio:** 5,000:1
  - **Operation Mode:** 24/7
  - **API:** Yes
  - **Certification:** CE, FCC, UL, C-Tick, BIS, PCA, RoHS

---

**Flip 2**

- **Project:** Player S6
  - **Model Pitch:** 51.1 mm
  - **Display Type:** Edge-Lit LED Display
  - **Brightness:** 2,500 nit
  - **Contrast Ratio:** 5,000:1
  - **Operation Mode:** 24/7
  - **API:** Yes
  - **Certification:** CE, FCC, UL, C-Tick, BIS, PCA, RoHS