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 Display Solutions, visit
www.samsung.com/business or www.samsung.com/displaysolutions

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

2020-08
Communication
Samsung’s displays help facilitators overcome disengagement and delays that can impede successful communication. The detail-rich picture delivers clear and legible visuals, while allowing participants to introduce and inspire new ideas. Additionally, these displays activate instantly to allow meetings to start on time.

Productivity
Samsung professional displays empower seamless multitasking and uninterrupted communication. A crystal-clear picture ensures complete visibility and detailed representation of content and data, delivering benefits for professions ranging from financial management to graphic design.

Collaboration
Collaboration is the foundation of business success. Employees need powerful and flexible channels to exchange information, identify opportunities and ultimately fuel overall growth. We understand these needs and offer a complete lineup of office-ready displays that enhance impactful collaboration in any environment.

Improve productivity and efficiency at work through state-of-the-art displays
As the modern workplace evolves and the definition of offices changes, displays have become a central component to creating a suitable working environment anywhere. Businesses and their employees require more versatile displays to ensure uninterrupted communication and expanded collaboration capabilities. Advanced professional displays can enhance the ways employees interact, and engage with each other, while boosting and maintaining productivity to ensure business continuity.
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 lobby & entrance, conference room, meeting room, huddle room, way finding, reservation information and office.

**Office**

Samsung’s ultra-wide curved monitors offer a cost-effective way to enhance productivity and high-resolution monitors provide extended displays with complete detail.

**Lobby & Entrance**

Outstanding digital displays differentiate any brand from the first moment a visitor interacts with that company, displaying useful information such as welcome messaging, company logos, upcoming events and the latest campaigns.

**Conference room**

For successful meetings and presentations, your conference room must reflect the quality of your business. Samsung’s LED signage and video walls deliver an impactful viewing experience on a large scale.

**Reservation information**

Samsung’s small displays can be used as a tool to display meeting schedules and information on reservations in front of meeting rooms.

**Way finding**

Employees and customers are completely reliant on easy-to-navigate directories and information. Digital displays can help all visitors ensure they get exactly where they need to go with interactive maps.

**Meeting room**

Samsung’s 8K and Crystal UHD signage ensure teams can view every detail in perfect clarity and interactive whiteboards allow them to collaborate efficiently in meeting areas.

**Huddle room**

With Samsung Flip, you can develop new ideas without the hassle of any technical difficulties through a smooth writing experience, an intuitive user interface, and enhanced collaboration capabilities.
Lobby

Engage customers from the moment they arrive

The lobby is the face of your business, the moment where customers decide their first impression. The Wall ensures you make this moment count.

The Wall : IWJ series

Never-before-seen visuals

The Wall creates visual innovation with no boundaries, providing perfect black and crisp colors. Black Seal technology delivers deep black levels, creating unparalleled contrast and immaculate detail. Ultra Chroma technology enables The Wall to produce vibrant, but still natural colors, leaving viewers in awe.

Black Seal technology
Wider black areas
Low reflection
Ultra Chroma technology

Pin-sharp clarity in every scene

Boasting the industry’s best picture quality engine, The Wall utilizes advanced HDR picture refinement technologies – LED HDR, HDR10+ support and Multi-link HDR – rendering optimum peak brightness and contrast in every single scene for precise, true-to-life imagery.

LED HDR
HDR10+ support
PUSH-V8 HDR

Outdoor Signage : OHN / OHN-S / OHN-D / OHF series

Always seeking something new

Unsurpassable visibility day and night

Samsung’s outdoor signage allows for exceptional, consistent content delivery with high brightness and 24/7 performance. With a built-in dimming sensor, the display automatically adjusts the brightness based on the external lighting environment.

High visibility
Dimming sensor
24/7 operation
Embedded media player

Built strong to endure outdoor elements

Samsung’s outdoor signage is certified to perform in outdoor settings. IK10-rated Magic Protection Glass and IP56-rated protection* ensure the displays will withstand physical impact as well as dust**, humidity or other outdoor elements that could affect the display.

High durability
Weather proof
IP56 rating
Magic Protection Glass

Entrance

Make your brand standout even outdoors

Samsung’s outdoor signage elevates outdoor advertising with its bold and engaging content delivery, making any business standout from the crowd.

High visibility
Dimming sensor
24/7 operation
Embedded media player

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High durability
Weather proof
IP56 rating
Magic Protection Glass

* For kit models without front glass, IK10 rating does not apply and IP56 is contingent upon usage of a separate front glass.
** Ingress of dust is not entirely prevented but will not accumulate in sufficient quantities to interfere with the satisfactory operation of the equipment.
Conference room

Draw customers in with immersive viewing experience

For successful meetings and presentations, your conference room must reflect the quality of your business. Samsung’s LED signage and video walls deliver an impactful viewing experience on a large scale.

Seamless viewing

LED Signage : IFJ / IFR / IER series

Clearly refined visuals

Utilizing a propriety algorithm, LED HDR creates true-to-life images, turning any content into HDR-level quality without requiring any special metadata. Samsung’s LED signage also supports HDR10+ that optimizes brightness and contrast ratio scene-by-scene to ensure each frame looks exactly as intended.

Screen uniformity

Samsung’s complete and comprehensive calibration solution ensures LED displays continuously maintain picture quality. While all LED screens undergo multi-step factory calibration process, users can also easily manage brightness and color uniformity with their mobile devices.

Affordable option


Immersive viewing experience

A narrow bezel – 0.88mm to 3.5mm bezel-to-bezel options – minimizes the visual distraction of video walls. The displays’ non-glare panels provide better visibility regardless of ambient light and the displays can project UHD content across multiple screens with daisy chain (up to 5x5).

Screen uniformity

A narrow bezel – 0.88mm to 3.5mm bezel-to-bezel options – minimizes the visual distraction of video walls. The displays’ non-glare panels provide better visibility regardless of ambient light and the displays can project UHD content across multiple screens with daisy chain (up to 5x5).

Long-term performance

Samsung’s video walls allow conference rooms to deliver clear information 24/7. The panel prevents screen darkening, ensuring long-term delivery of brilliant content. EMC* Class B compliant displays and ISTA-certified** packaging keep both environment and delivery safe.

LED HDR | HDR10+ support | Multi-link HDR

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* EMC: Electromagnetic compatibility
** ISTA: International Safe Transit Association
Meeting room

Drive meaningful business conversation

Samsung’s 8K and Crystal UHD Signage ensure teams can view every detail in perfect clarity and interactive whiteboards allow them to collaborate efficiently in meeting areas.

High visibility at all times

Bring collaborative ideas to life through advanced 8K or UHD picture quality. With Samsung’s upscaling technology, content developed at a lower resolution can be elevated to 8K/UHD-level quality. This ensures all content is clear and legible for every participant.

High readability

8K & Crystal UHD Signage: QPR-8K / QHR / QMR / QBR series

Interactivity

Interactive whiteboard: QBN-W, WMR 85"

Enhanced touch technology

Leverage heightened touch functionality for a smooth and versatile digital writing experience. Up to 10 users* can write simultaneously using the provided pen or virtually any other tool. In addition, users can quickly erase the drawings with finger or palm swipe.

Convenient, optimized management

The Flip gives users the capability to open Microsoft Word, PowerPoint, Excel and Adobe files directly with a built-in document viewer. In addition, the Flip offers a host of improved capabilities, including secure wireless connection, automatic firmware updates, LDAP synchronization and file security – ensuring a convenient and productive meeting experience.

* 8K resolution is only available on QPR-8K series.
** UHD resolution is only available on QHR/QMR series.

* Samsung Workspace is only available on QHR/QMR series.
* This feature is only available on WMR series.

* This feature is only available on QMR series.

* Multi writing up to 10” will be available within 2020, updated by new firmware release (only on WMR85).
Huddle room

Simplify teamwork without any hassle

With Samsung Flip, you can develop new ideas without the hassle of any technical difficulties through smooth pen-to-paper writing experience, an intuitive user interface, and enhanced collaboration capabilities.

Flip: WMR 55", 65"

Pen and paper writing
Samsung Flip provides you with a smooth and familiar pen to paper writing experience in a variety of available colors, styles and widths. Up to 4 people can write simultaneously, using any object as a writing tool. In addition, users can quickly erase the drawings with finger or palm swipe.

Flexible image editing & Annotation on
With Samsung Flip, users can quickly and easily select, move, crop, capture, and edit any image. Samsung Flip allows users to write on any background source. By simply clicking the note layer button, users can enjoy smooth writing without affecting any work behind the original layer.

Easy content navigation & protection
Samsung Flip has up to 20 pages of writing space per roll, allowing users to seamlessly scroll through pages. In addition, the Flip ensures that confidential meeting information remains in the right hands. Its reinforced lock system allows users to safeguard sensitive content from view.

Effortless meeting recaps
Following any meeting, users can distribute recaps to all attendees and colleagues, removing the time frustration traditionally associated with handwritten meeting notes. Important conversations and content are stored within the Flip in real-time, easily shareable across mobile and digital channels.
Wayfinding

Help visitors easily navigate your facility

Employees and customers are completely reliant on 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 : QMR-T series

Powerful touch experience

Upgraded Tizen OS makes playback more stable and opens up new possibilities with high-speed content. A responsive capacitive touch functionality offers an engaging experience while the user-friendly design enables comfortable, productive digital interactions.

Built to be reliable and efficient

IP5X rate ensures efficient and reliable performance even in dusty environments to protect the display against repeated customer interactions. Center IR means businesses implementing the display won’t have to make any adjustments to the IR and can use it right out of the box.

Reservation information

Easily check the status of meeting rooms

Samsung’s small displays can be used as a tool to display meeting schedules and information on reservations in front of meeting rooms.

Small display : QBR / QBR-T series

Crisp content & Slim design

Designed for professional use, Samsung’s small displays deliver crisp and easy-to-read content, supported by FHD resolution and a non-glare panel. The slim design allows for efficient space utilization, even in compact locations.

Comprehensive security setup

The powerful Knox security system provides rigid, three-layer security, offering air-tight protection at the application, platform and system level, while restricting access to content and hardware. In addition, remote control of the network and USB ports prevents any unauthorized access.

* UHD resolution is only available on 43” and 55” models.

* Touch functionality is only available on QBR-T series model.

* Touch functionality is only available on QBR-T series model.

* UHD resolution is only available on 43” and 55” models.
Office

Work with a better view

Samsung’s ultra-wide curved monitors offer a cost-effective way to enhance productivity and high resolution monitors provide extended displays with complete detail.

Ultra-wide monitors: CJ89 / CJ79 series

A better way to multi-task

The ultra-wide screen supports a number of open windows without scroll or zoom, while eliminating the clutter and inconveniences of the traditional dual monitor setups. Multi-tasking features – PIP, PBP and Easy Setting Box – allows employees to work on multiple documents and applications simultaneously.

Ultimate connectivity

Samsung’s ultra-wide monitors let employees multitask more efficiently, saving their desk space. USB Type-C ports transmit both power and data. The built-in KVM switch lets them control two computers connected to the monitor using just one keyboard and mouse.

High resolution monitors: TU87F / T85F / SH85 series

Detailed clarity

Samsung’s UHD and WQHD monitors deliver more screen space and detail for truly lifelike images. This means employees can view documents and webpages with less scrolling and enjoy higher readability with reduced eye strain – even in office environments during long work hours.

Multi-productive displays

PIP transforms a single monitor into a dual-view monitor by displaying content from two sources side by side on one screen. With PIP, employees can see and organize multiple apps and programs exactly how they want to. A variety of connectivity options and ergonomic design improve work efficiency.

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Ultra-wide monitors: CJ89 / CJ79 series</th>
<th>High resolution monitors: TU87F / T85F / SH85 series</th>
</tr>
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<tbody>
<tr>
<td>UHD resolution*</td>
<td>only available on TU87F series</td>
<td>only available on T85F/SH85 series</td>
</tr>
<tr>
<td>WQHD resolution**</td>
<td>only available on TU87F/SH85/SH85 series</td>
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</tr>
<tr>
<td>1 Billion colors</td>
<td></td>
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<tr>
<td>Ultra-wide screen</td>
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<tr>
<td>PIP</td>
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<tr>
<td>Easy Setting Box</td>
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<tr>
<td>USB Type-C ports</td>
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<tr>
<td>Multiple USB ports</td>
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<tr>
<td>Multiple inputs</td>
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<tr>
<td>Thunderbolt™</td>
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<tr>
<td>Built-in KVM switch</td>
<td></td>
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</tr>
<tr>
<td>PBP</td>
<td></td>
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</tr>
</tbody>
</table>

* UHD resolution is only available on TU87F series.
** WQHD resolution is only available on T85F/SH85 series.
Management solution

Manage your display devices and content comprehensively

Samsung not only provides professional displays, but a comprehensive, all-in-one solution, allowing you to intuitively manage and control all of the displays as needed.

**For end-users**

**MagicINFO™ solution**

One-stop device and content management

With MagicINFO™, you can manage both content and device on a single platform. Unlike other content management solutions, Samsung’s MagicINFO is a completely integrated solution for all types of display including LCD and LED signage.

Intuitive user interface

Unlike other content management solutions that only trained professionals can use, Samsung’s MagicINFO has an intuitive drag-and-drop web interface for users of all backgrounds, with no special training needed.

**For solution partners**

**SSSP solution**

Integrated application development

SSSP is a fully integrated program that offers a versatile open platform and advanced SDK/API functionality. Partners can enjoy a developer-friendly platform with high compatibility with HTML5 and ECMAScript 6 and 3-layer secured protection to craft solutions that suit their operational needs.

Remote management solution

Samsung Remote Management Solution is a central remote service solution that enables remote monitoring of devices and eliminates the need for site visits or service calls. The Remote Management Solution platform synchronizes with partner’s CMS and provides a comprehensive review of hardware and content.
Global partnership with diverse partners

Collaboration is the foundation for success in today’s fast-paced business world. Industry leader Samsung has a diverse selection of partners, from market-leading video collaboration providers to computer peripherals and software specialists, providing flexible options for any business need.

Video conferencing solution

Transform the modern meeting room with integrated solution

Samsung has joined with various partners to provide businesses and employees with the tools they need to work effectively from anywhere.

Optimal viewing experience

Samsung’s professional displays and monitors deliver high picture quality for an optimal viewing experience in video conferencing, ensuring no important information or updates are missed by any participant. This powerful visual performance creates a more efficient business environment, brought to life in perfect clarity.

Intelligent video conferencing

Through a combination of optimized video conferencing solutions and Samsung’s industry-leading displays, including Crystal UHD Signage, Flip and business monitors, Samsung’s professional offerings transform any meeting space, enabling better accessibility, collaboration and communication.

Various lineup to meet any business needs

Whether a personal workspace, small meeting room or large conference room, Samsung has a versatile range of professional solutions for any business need. This is supported by a product lineup available in a variety of sizes, brightness and specifications, which can be chosen according to each business need.

Global partnership with diverse partners

Collaboration is the foundation for success in today’s fast-paced business world. Industry leader Samsung has a diverse selection of partners, from market-leading video collaboration providers to computer peripherals and software specialists, providing flexible options for any business need.

Cisco Webex

Logitech
Specifications

The Wall

<table>
<thead>
<tr>
<th>Project</th>
<th>Pixel pitch</th>
<th>Diode type</th>
<th>Brightness (Peak/Max)</th>
<th>Contract ratio</th>
<th>Certification</th>
<th>Cabinet size (LxW, in per cabinet)</th>
<th>Weight (per cabinet)</th>
<th>Service</th>
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<tr>
<td>CHIN (BT type)</td>
<td>86&quot;</td>
<td>3840 x 2160</td>
<td>24/7</td>
<td>InGlass™</td>
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Outdoor signage

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<tr>
<th>Project</th>
<th>Screen size</th>
<th>Resolution</th>
<th>Brightness</th>
<th>Contrast ratio</th>
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<th>Connectivity</th>
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<td>CHIN</td>
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<td>CIRH</td>
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LED signage

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Video wall

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QLED 8K

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Crystal UHD Signage

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Interactive whiteboard & Flip

<table>
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<th>Project</th>
<th>Screen size</th>
<th>Resolution</th>
<th>Brightness</th>
<th>Contrast ratio</th>
<th>Operation hour</th>
<th>Touch type</th>
<th>Touch pen type</th>
<th># of drawing</th>
<th>Object recognition range</th>
<th>Connectivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>GBWN-H</td>
<td>55&quot;</td>
<td>3840x2160</td>
<td>550 nit</td>
<td>3500:1</td>
<td>24/7</td>
<td>InGlass™</td>
<td>IP5X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GBWN-B</td>
<td>55&quot;</td>
<td>3840x2160</td>
<td>550 nit</td>
<td>3500:1</td>
<td>24/7</td>
<td>InGlass™</td>
<td>IP5X</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Interactive display

<table>
<thead>
<tr>
<th>Project</th>
<th>Screen size</th>
<th>Resolution</th>
<th>Brightness</th>
<th>Contrast ratio</th>
<th>Operation hour</th>
<th>Touch type</th>
<th>Connectivity</th>
<th>SaC</th>
<th>S/M</th>
</tr>
</thead>
<tbody>
<tr>
<td>GMR-H</td>
<td>40&quot;</td>
<td>3840 x 2160</td>
<td>1000 nit</td>
<td>3000:1</td>
<td>24/7</td>
<td>InGlass™</td>
<td>IP5X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GMR-T</td>
<td>40&quot;</td>
<td>3840 x 2160</td>
<td>1000 nit</td>
<td>3000:1</td>
<td>24/7</td>
<td>InGlass™</td>
<td>IP5X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Small display

<table>
<thead>
<tr>
<th>Project</th>
<th>Screen size</th>
<th>Resolution</th>
<th>Brightness</th>
<th>Contrast ratio</th>
<th>Operation hour</th>
<th>Panel type</th>
<th>Connectivity</th>
<th>SaC</th>
<th>S/M</th>
</tr>
</thead>
<tbody>
<tr>
<td>GMR-H</td>
<td>17&quot;</td>
<td>1024x600</td>
<td>200 nit</td>
<td>5000:1</td>
<td>24/7</td>
<td>InGlass™</td>
<td>IP5X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GMR-T</td>
<td>17&quot;</td>
<td>1024x600</td>
<td>200 nit</td>
<td>5000:1</td>
<td>24/7</td>
<td>InGlass™</td>
<td>IP5X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Business monitor

<table>
<thead>
<tr>
<th>Type</th>
<th>Project</th>
<th>Screen size</th>
<th>Flat/Curved</th>
<th>Aspect ratio</th>
<th>Resolution</th>
<th>Brightness (Typ./Peak)</th>
<th>Refresh rate</th>
<th>Connectivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ultra-wide</td>
<td>22W</td>
<td>40&quot;</td>
<td>Flat</td>
<td>16:9</td>
<td>3840x2160</td>
<td>1000 nit</td>
<td>750 Hz</td>
<td>DP1.4, HDMI 2.0, USB-C (DisplayPort 1.4)</td>
</tr>
<tr>
<td>Ultra-wide</td>
<td>22W</td>
<td>40&quot;</td>
<td>Curved</td>
<td>16:9</td>
<td>3840x2160</td>
<td>1000 nit</td>
<td>750 Hz</td>
<td>DP1.4, HDMI 2.0, USB-C (DisplayPort 1.4)</td>
</tr>
<tr>
<td>Curved</td>
<td>22W</td>
<td>27&quot;</td>
<td>Curved</td>
<td>16:9</td>
<td>3840x2160</td>
<td>1000 nit</td>
<td>750 Hz</td>
<td>DP1.4, HDMI 2.0, USB-C (DisplayPort 1.4)</td>
</tr>
<tr>
<td>Curved</td>
<td>22W</td>
<td>27&quot;</td>
<td>Flat</td>
<td>16:9</td>
<td>3840x2160</td>
<td>1000 nit</td>
<td>750 Hz</td>
<td>DP1.4, HDMI 2.0, USB-C (DisplayPort 1.4)</td>
</tr>
</tbody>
</table>

*Measured under 10lux light. Contrast in darkroom exceeds 1000000:1

* 3840x2160 with glass, 3840x2160 without glass

* WMR 85" supports multi writing up to 4 drawing currently. '10 drawing' will be available within 2020, updated by new firmware release.