

# Samsung Corporate Display Solutions

Empower efficient productivity and collaboration through state-of-the-art displays

Interactive Display | LED Signage | Smart Signage | Business Monitor

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

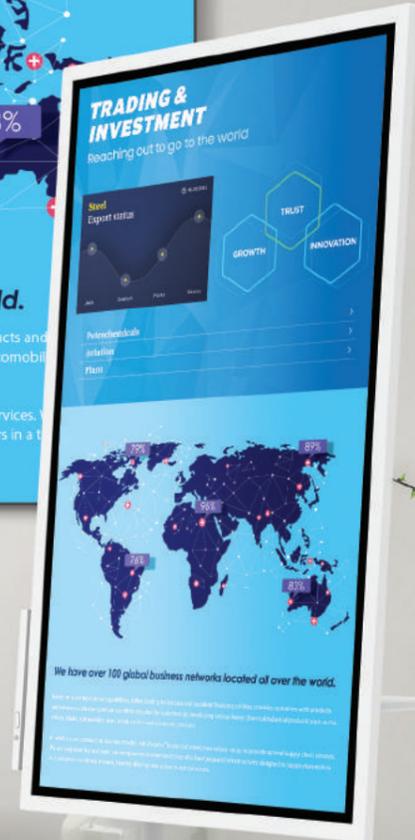
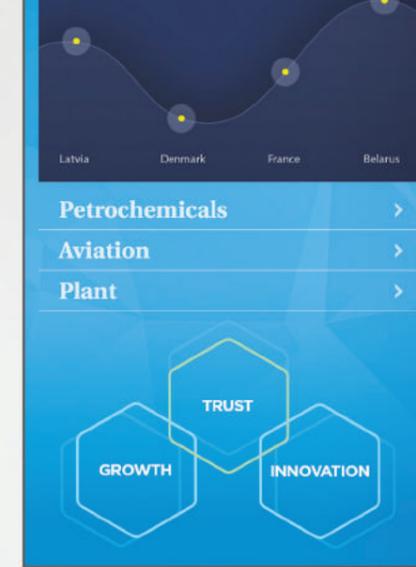
Copyright © 2018 Samsung Electronics Co. Ltd. All rights reserved. Samsung is a registered trademark of Samsung Electronics Co. Ltd. Specifications and designs are subject to change without notice. Non-metric weights and measurements are approximate. All data were deemed correct at time of creation. 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  
2018-01  
[www.samsung.com](http://www.samsung.com)

**SAMSUNG**



**SAMSUNG**



# Digital Transformation, at Work

As the modern workplace evolves, businesses require more versatile displays to ensure uninterrupted communication and expand idea sharing. In particular, advanced professional displays can enhance:

## Collaboration

Businesses need displays that can accommodate remote workers' growing reliance on personal devices and empower delay-free interaction from any location.

## Communication

To keep projects organized and on schedule, businesses need displays that can centrally store content and enable intuitive, any-time access for thorough review and revision.

## Productivity

Any delay in productivity can negatively impact the bottom line. Businesses can refine their operations through visual displays, and ensure efficient and continuous performance.



## Build Smarter Connections

Collaboration is the foundation of business success. Employees need powerful and flexible channels to exchange information, identify opportunities and respond...and ultimately fuel overall growth.

Samsung Electronics understands these needs, and offers a complete lineup of office-ready displays that enhance impactful collaboration in any environment. From our Samsung Flip interactive digital flip chart to our QBH-TR Series electronic whiteboards, our customizable technologies accommodate any industry or setting. Samsung's displays transform any office location into a fully-equipped collaborative space, all without the frustrations that can accompany the modern meeting.



## Deliver Messages that Resonate

Samsung's LED SMART Signage helps facilitators overcome the disengagement and delays that can impede successful collaboration. The displays' detail-rich picture upholds clear and legible visuals, and participants can introduce static and video content to inspire new ideas. Additionally, these LED displays activate instantly to allow meetings to start on time.



## Revitalize the Desktop

With both standard and curved models available, Samsung's professional monitors empower seamless multitasking and uninterrupted communication. A crystal-clear picture ensures complete data visibility and detail representation, delivering benefits for professions ranging from financial management to graphic design. Additionally, video conference participants appear with lifelike realism for improved team camaraderie.



## Collaboration

Facilitate more Impactful Discussion through **Interactive Displays**



## Samsung Flip

### Optimized for Smart, Fully-Engaged Real-Time Collaboration

Samsung alleviates the challenges of the modern meeting with its Flip display – an interactive, digital flip chart that promotes streamlined collaboration. The 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. The display’s wheel-based stand transforms any office location into a huddle space, with portrait and landscape orientations available to suit unique discussion needs. Additionally, the Samsung Flip’s multi-touch interactivity and extensive mobile connectivity make it easier than ever for meeting participants to log, save and share game-changing ideas.

Flip	Idea Generation/ Brainstorming	Face-to-Face	2-4	Any participant	Portable (Wheel-Based Stand)	Syncs with personal mobile devices
	<b>Key Function</b>	<b>Intended Interaction</b>	<b>Recommended Number of Participants</b>	<b>Who Should Present?</b>	<b>Mobility</b>	<b>Connectivity</b>
QBH-TR	Presentation	Face-to-Face and Remote (Video Conferencing)	4-10	One main presenter	Fixed	Offers HDMI, DVI-D, DP and USB ports

## Samsung QBH-TR

### Optimized for Fully-Integrated Presentation and Communication

While the Samsung Flip chart fuels new business ideas, Samsung’s QBH-TR Series interactive whiteboards help bring them to life. These cutting-edge displays offer an all-in-one arena for multi-location communication, and accommodate virtual participants as if they were in the room. Enhanced touch technology allows up to four different users to write on the screen or introduce content at the same time. For added interactivity and screen sharing, the QBH-TR Series seamlessly links with participants’ connected devices through a host of integrated ports.



## Samsung Flip

### Flip the Future of Collaboration

Though the meeting is a core component of today's business world, it can also be among the most complex. Between preparing and moving supplies, securing a room and keeping every participant engaged in the discussion, it's easy for potentially impactful ideas to become lost...or never take shape at all.

Flexible and fully-integrated, Samsung's interactive Flip display helps businesses overcome these challenges and explore new avenues for idea generation. The Flip display securely connects a digital flip chart to a wheel-based stand, delivering advanced portability and allowing businesses to transform any space into a meeting room. Through extensive connectivity and centralized storage, businesses can share content and collaborate without hassle.

With Samsung's Flip, meetings become fun and engaging rather than stressful and exhausting. And by "flipping" your standard collaborative routine, your team can now work smarter, faster and better.

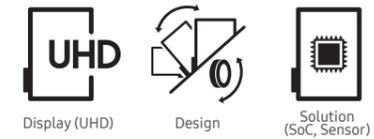
## Transform the Modern Meeting

Invigorate your Huddle Space with Samsung's Versatile Flip Display



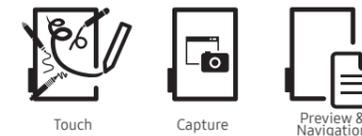
### Flip Innovation

The Samsung Flip's portable, wheel-based stand transforms any room into a collaborative huddle space and prevents battles for coveted meeting space. Business users also can adjust the display to portrait or landscape configurations to match room dimensions, with its System-on-Chip configuration and the powerful TIZEN operating system maintaining continuous performance. For added convenience, the Samsung Flip offers a front tray to house pens and other vital supplies.



### Flip Creativity

Through an intuitive interface and touch-ready design, the Samsung Flip fosters a smooth, natural writing experience. Up to four different individuals can write on the display's central screen, driving simultaneous engagement. From there, participants can capture and save new ideas for later use. The Samsung Flip also encourages users to integrate their personal style by offering a range of distinct font sizes, colors and text treatments.



### Flip Execution

The Samsung Flip display maintains the meeting ideas that far too often are erased, misplaced or misinterpreted. Extensive connectivity and dedicated Touch Out control ensure smooth synchronization with participants' personal devices. As a result, meeting attendees can share new content and ideas on the main screen from multiple sources without delay. The Samsung Flip also simplifies the often-tedious meeting recap process through centralized storage and distribution.





## Samsung QBH-TR Series

### Drive Meaningful Business Conversation

With more employees and students participating remotely in collaborative conversation, today's meeting rooms and classrooms require displays with capabilities exceeding those offered by legacy projectors and analog boards. A more versatile and interactive alternative ensures that both facilitators and leaders remain engaged and attentive, and eliminates common productivity hurdles.

Samsung's QBH-TR Series interactive whiteboards elevate information sharing and drive stronger conversation within an all-in-one format. The displays enable simultaneous real-time interaction, with all participants able to make notations and introduce new content from any location. Within the QBH-TR Series displays, refined touch technology, the intuitive MagicLWB S5 management platform and UHD picture quality come together to facilitate more effective interaction.

With the QBH-TR Series displays, businesses and classrooms can focus more on generating impactful ideas and exchanging information and less on the frustrations and logistical obstacles that often accompany collaboration.

## Empower Integrated, All-in-One Collaboration

Share Content and Engage Colleagues from Any Location



### Seamless Interaction

The QBH-TR Series provides a smooth, fully-functional digital writing experience in an intuitive format. Up to four different participants can make simultaneous notations on the central screen, using either dedicated pens or touch interaction.



### Expanded Content Integration

Each QBH-TR Series display offers dedicated HDMI, DVI-D, DP and USB ports where users can share and revise content from connected personal devices. Through the Working Screen feature, users can quickly alternate between multiple screen sources in just a few quick touches.



### Elevate Collaboration Quality

Remote workers can stay involved in conversations through the QBH-TR Series' seamless laptop streaming. Facilitators can work with all participants to access and upload content without sacrificing UHD picture quality or ultra-high resolution. Participants also can trust the displays' integrated Knox security system to prevent information leakage and external interference.



# Communication

Enliven Content with **Samsung SMART LED Signage**



## Optimize Content Brilliance

To ensure optimal LED performance, the IF Series displays deploy a host of picture-enhancing features. Dynamic peaking technology combats interference from natural and ambient lighting while elevating content with peak brightness levels nearly two times higher than the standard LED signage maximum. The IF Series displays also mitigate potential oversaturation and gradation variations to maintain lifelike representation among featured on-screen personalities. Regardless of the environment, the IF Series displays produce brilliant, consistent content that shines.



HDR Technology



Dynamic Peaking



Color Management



Fine-Tune Uniformity



## A Clean, Hassle-Free Installation

A hook-based design allows IF Series users to mount screens in a single, smooth motion. This seamless installation eliminates gaps and catwalk space while keeping all front and rear components visible and accessible for quick-turn maintenance. The IF 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.



Direct Mount™ Kit



Catwalk Space Free



Advanced Design



Earthquake Durability

# Communication

Transform your Business Ideas into Stunning Realities with **Samsung SMART Signage**



Full Line-up (32"~98" / FHD~UHD)

## Standalone SMART Signage

Available in a range of sizes and configurations, Samsung's standalone displays ensure a consistently clear presentation while also maintaining a compact and stylish design. The powerful TIZEN operating system elevates graphic quality, while a System-on-Chip (SoC) composition eliminates the need for external media players.



SoC



24/7 Operation



Embedded Solution



## Video Walls

As more businesses turn to video walls to enhance communication, Samsung's comprehensive and customizable options accommodate any professional need. The extreme narrow bezel UH55F-E video wall (1.7mm. bezel-to-bezel width) symbolizes Samsung's commitment to delivering a near-seamless multi-display presentation. A non-glare panel also evenly distributes light while improving local uniformity, bringing out the best in featured content.



Enhanced Uniformity



Narrow Bezel

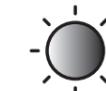


Non-Glare



## Outdoor SMART Signage

Samsung's all-in-one outdoor signage lineup enables businesses to pique customers' interest at the first possible contact point. Featuring a slim-depth (85 mm.) design and intuitive operations, the OHF Series displays ensure durable 24/7 performance even in the most extreme temperatures. A thorough integrated features package, including ingress protection, anti-reflection technology, vandalism defense and a cooling system, equips the OHF Series for long-term performance against a host of natural and human variables.



High Brightness



Superior Durability



All-in-one design



## MagicInfo Solution

With Samsung's MagicInfo platform, users can create, schedule and deploy content across single displays or multi-display networks from a single location. The web-based platform is compatible with nearly all major operating systems, devices and browsers, and offers content managers a range of ready-made templates and image and text options guaranteed to suit any business or brand need.



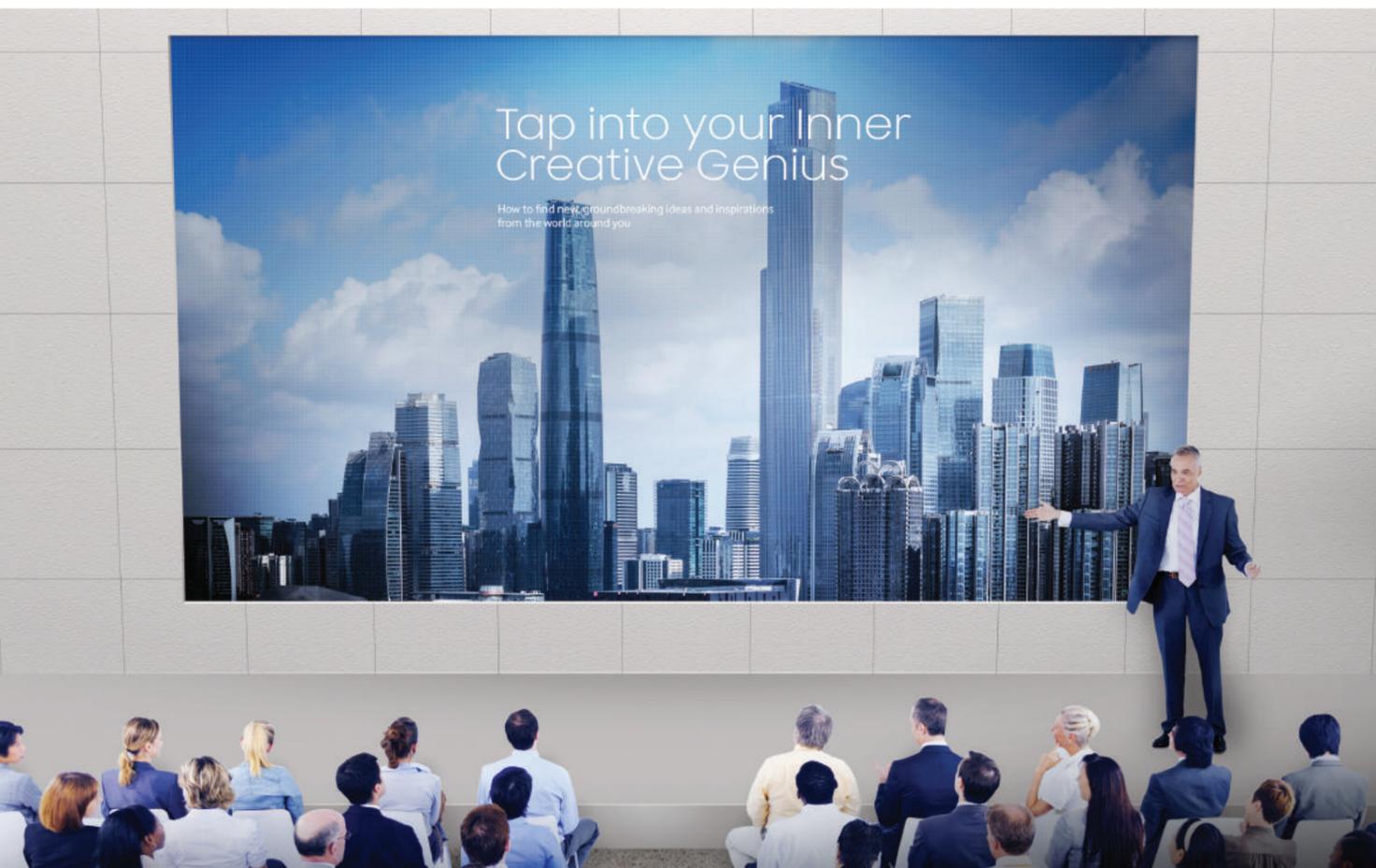
Content Management



Device Management



Operational Efficiency



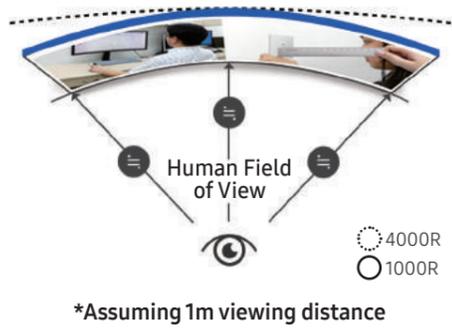
# Productivity

Revolutionize Efficiency with **Samsung Workplace Business Monitors**

## Samsung Curved Monitors

### A Natural, Stress-Free Design

Samsung's curved professional monitors also enhance productivity through a comfortable curved design that mirrors the shape of the human eye and welcomes strain-free long-term usage. The health and productivity benefits of curved displays, such as Samsung's CJ89, have even been validated by researchers at Harvard Medical School, who determined in a recent study that curved monitor users reported lower eye strain and blurred vision than users of flat monitors did after completing an hour of comparable, visually-intense tasks.



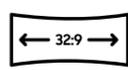
Curved



TUV RHEINLAND

### Convenient Multi-Tasking

As the equivalent of two side-by-side 27" monitors, Samsung's CJ89 monitor supplies ample space for viewing and working within data-rich documents. The CJ89's panoramic, ultra-wide curved panels (43- and 49-inch) eliminate the need for dual monitor setups and the inconveniences of mismatched screens, awkward bezel breaks and cluttering cables. In turn, users can keep multiple windows open at once and work comfortably without repetitive scrolling and zooming.



32:9



Picture-by-picture



Picture-in-picture

## Samsung UHD Professional Monitors

### Amplified Visual Details

Samsung's professional business monitors bring even the most minor visual details to the forefront, better enabling workers to do their jobs accurately and in less time. Samsung's UHD monitors in particular features a quantum dot composition and a resolution nearly four times higher than that of standard FHD displays, enabling clear and colorful visibility of multiple webpages, images and text without extensive scrolling or zooming.



UHD

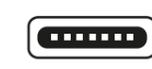
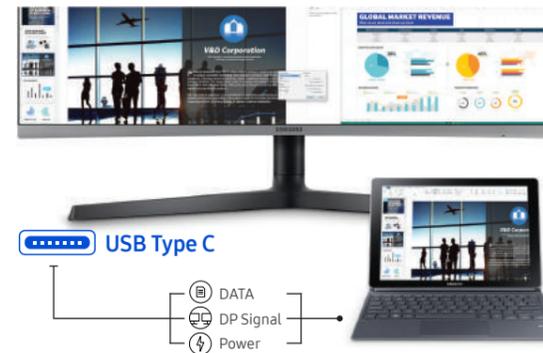
UHD



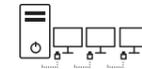
Quantum Dot

### Hassle-Free Personal Device Synchronization

Through extensive connectivity, Samsung professional monitors allow users to introduce, view and share content from their personal devices quickly and efficiently. Dedicated USB Type C and USB 3.0 ports offer smooth multi-device content exchange through a single cable, eliminating a common source of desktop clutter. Additionally, the monitors' seamless daisy chaining keeps content visible and consistent across multiple screens without requiring external equipment.



USB Type C

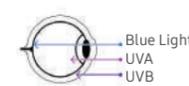


Daisy Chain

## Samsung Business Monitors

### Safe, Stress-Free Extended Use

During extended periods of monitor use, blue light wavelengths can fatigue or strain users' eyes. As a result, each Samsung business monitor features a specialized Eye Saver Mode that reduces blue light emissions to drive long-term productivity. Furthermore, Samsung's Flicker Free technology prevents another common source of user discomfort.



Eye Saver Mode



Flicker Free

### Flexible Configuration

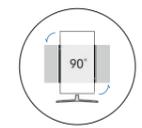
Samsung's business monitors also promote productivity through ergonomic efficiency. These customizable monitors feature height-adjustable stands and pivot, swivel and tilt options that allow users to adjust positioning and place screens at eye level. If necessary, these displays also can be removed and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



High Brightness



Superior Durability



All-in-one design



All-in-one design



## SMART Signage - Standalone

	Screen Size	Resolution	Brightness	Haze	Operation Hour	Connectivity	Operating System	S/W	IP5x Certification
QMH	49", 55", 65"	3840 x 2160	500 nit	Non-Glare	24/7	In : DVI-D(1), DP1.2(1), HDMI 2.0(2), USB 2.0(2), RS232C, RJ45, Stereo mini Out : HDMI 2.0(1), RS232C, Stereo mini	Tizen 3.0	Built-in MagicInfo S5, SSSP 5.0	O
QMF	75", 85", 98"	3840 x 2160	500 nit	Non-Glare	24/7	In : DVI-I(1), DP1.2(2), HDMI 1.4(4), USB 2.0(1), RS232C, RJ45, Stereo mini Out : RS232C, Stereo mini	Non-SoC	-	X
QBH	65", 75"	3840 x 2160	300 nit	Glare	16/7	In : DVI-D(1), DP1.2(1), HDMI 2.0(2), USB 2.0(2), RS232C, RJ45, Stereo mini Out : RS232C, Stereo mini	Tizen 3.0	Built-in MagicInfo S5, SSSP 5.0	X
PHF	43", 49", 55"	1920 x 1080	700 nit	Non-Glare	24/7	In : DVI-I(1), DP1.2(2), HDMI 1.4(4), USB 2.0(1), RS232C, RJ45, Stereo mini Out : DP1.2(1), RS232C, Stereo mini	Tizen 2.4	Built-in MagicInfo S4, SSSP 4.0	O
PMF	32"	1920 x 1080	400 nit	Glare	16/7	In : DVI-I(1), DP1.2(1), HDMI 2.0(2), USB 2.0(2), RS232C, RJ45, Stereo mini Out : DP1.2(1), RS232C, Stereo mini	Tizen 2.4	Built-in MagicInfo S4, SSSP 4.0	X
PMH	43", 49", 55"	1920 x 1080	500 nit	Non-Glare	24/7	In : DVI-I(1), DP1.2(1), HDMI 2.0(2), USB 2.0(2), RS232C, RJ45, Stereo mini Out : DP1.2(1), RS232C, Stereo mini	Tizen 2.4	Built-in MagicInfo S4, SSSP 4.0	O
DBE	32", 55"	1920 x 1080	350 nit	Glare	16/7	In : DVI-D(1), HDMI 1.4(1), D-Sub(1), CVBS(1), USB 2.0(1), RS232C, RJ45, Stereo mini Out : HDMI 2.0(1), RS232C, Stereo mini	Orsay	Built-in MagicInfo S3, SSSP 3.0	X
DBJ	43", 49"	1920 x 1080	300 nit	Glare	16/7	In : DVI-D(1), HDMI 1.4(2), USB 2.0(1), RS232C, RJ45, Stereo mini Out : HDMI 2.0(1), RS232C, Stereo mini	Tizen 3.0	Built-in MagicInfo S5, SSSP 5.0	X
DCE	32", 55"	1920 x 1080	350 nit	Glare	16/7	In : DVI-I(1), HDMI 1.4(1), CVBS(1), USB 2.0(1), RS232C, RJ45, Stereo mini Out : Stereo mini	Simple SoC	Built-in MagicInfo Lite	X
DCJ	43", 49"	1920 x 1080	300 nit	Glare	16/7	In : DVI-I(1), HDMI 1.4(1), CVBS(1), USB 2.0(1), RS232C, RJ45, Stereo mini Out : Stereo mini	Simple SoC	Built-in MagicInfo Lite	X

## SMART Signage - Videowall

	Screen Size	B-to-B(mm)	Bezel Width	Resolution	Brightness	Haze	Operation Hour	Connectivity
UHF-E, UMF-E	55"	1.7mm	1.15 mm(U/L), 0.55 mm(R/B)	1920 x 1080	700 nit(UHF-E), 500 nit(UMF-E)	25%	24/7	Analog D-SUB, DVI-D, Display Port 1.2, 2 HDMI, Stereo mini Jack(in/out), DP1.2(Loop-out), RS232C(in/out), RJ45, Detachable type external sensor (IR, Ambient)
UDE-A, UDE-B	46", 55"	3.5mm	2.3 mm(U/L), 1.2 mm(R/B)	1920 x 1080	700 nit(UDE-A), 500 nit(UDE-B)	25%	24/7	Analog D-SUB, DVI-D, Display Port 1.2, 2 HDMI, Stereo mini Jack(in/out), DP1.2(Loop-out), RS232C(in/out), RJ45, Detachable type external sensor (IR, Ambient)
UHF5	46"	5.5mm	3.4 mm(U/L), 2.0 mm(R/B)	1920 x 1080	700nit	11%	24/7	DVI-D, Display Port 1.2, 2 HDMI, Stereo mini Jack (in/out), DP1.2(Loop-out), RS232C(in/out), RJ45, Detachable type external sensor (IR)

## SMART Signage - Outdoor

	Screen Size	Resolution	Brightness	Contrast Ratio	Operation Hour	Certification	Connectivity	S/W
OHF	46"	1920 x 1080	3000nit	5000:1	24/7	IP56 Certified	2 HDMI, HDBaseT(LAN Common), HDCP 2.2, USB 2.0, Stereo Mini Jack(out), RS232C (In/Out), RJ45 (In/Out), HDBaseT	Built-in MagicInfo Player S4, SSSP 4.0
	55"	1920 x 1080	2500nit	4000:1	24/7	IP56 Certified	2 HDMI, HDBaseT(LAN Common), HDCP 2.2, USB 2.0, Stereo Mini Jack(out), RS232C (In/Out), RJ45 (In/Out), HDBaseT	Built-in MagicInfo Player S4, SSSP 4.0
	75"	1920 x 1080	2500nit	5000:1	24/7	IP56 Certified	2 HDMI, HDBaseT(LAN Common), HDCP 2.2, USB 2.0, Stereo Mini Jack(out), RS232C (In/Out), RJ45 (In/Out), HDBaseT	Built-in MagicInfo Player S4, SSSP 4.0
	85"	3840x2160	2500nit	3000:1	24/7	IP56 Certified	2 DP1.2 @UHD 60Hz, 2 HDMI 1.4 @UHD 30Hz, HDBaseT, HDCP1.4, USB 2.0, Stereo Mini Jack(out), RS232C (In), RJ45 (In), HDBaseT	-
OMH	32"	1920 x 1080	1000nit	3000:1	16/7	-	1 DP, 2 HDMI, HDCP1.4, USB 2.0, Stereo Mini Jack(out), RS232C (In/Out), RJ45 (In/Out), HDBaseT	Built-in MagicInfo Player S4, SSSP 4.0
OMD-W	46", 55", 75"	1920 x 1080	2500nit	5000:1	24/7	-	Analog D-SUB, DVI-D, Display Port 1.2, 2 HDMI, Component(CVBS Common), HDCP1.4, USB 2.0, Stereo Mini Jack, RS232C (In/Out), RJ45	Built-in MagicInfo Player S2, SSSP 2.0

## Interactive Signage

	Screen Size	Resolution	Brightness	Touch Type	Touch	Connectivity	Operating System	S/W	Remark
Flip	55"	3,840 x 2,160 (Landscape) 2,160 x 3,840 (Portrait)	300 nit	Inglass Touch	4 drawing, Passive Pen	HDMI 1, Touch Out 1, USB 2	Tizen 3.0	Flip S/W	Moving Stand with advanced Pivot
QBH-TR	65", 75"	3,840 x 2,160	300 nit	IR Touch	4 drawing (SoC) 10 drawing (External Windows PC)	HDMI 3 (2xRear, 1xFront), DVI-D, DP, USB 3 (2xRear, 1xFront), PC USB (Front), Touch Out 1	Tizen 3.0	MagicIWB S5	-

## SMART LED Signage

	Pixel Pitch	Diode Type	Peak Brightness*	Contrast Ratio	Certification	Cabinet Size	Weight	Service	IP Rating
IFJ	P1.2	Surface Mount Device	1200 nit	3000:1 (TBD)	EMC Class B, Safety 60950-1	806x453x75mm (LxHxD, per cabinet)	11kg/cabinet	Front Service and/or Rear Service	IP20
IFH	P1.5, 2.0, 2.5	Surface Mount Device	1600 nit(P1.5) 2400 nit(P2.0, 2.5)	5000:1	EMC Class A, Safety 60950-1	480x540x65mm (LxHxD, per cabinet)	5.8kg/cabinet	Front Service and/or Rear Service	IP20
IFH-D	P2.5, 4.0, 6.0	Surface Mount Device	2400 nit	5000:1	EMC Class A, Safety 60950-1	480x720x65mm (LxHxD, per cabinet)	7.4kg/cabinet	Front Service and/or Rear Service	IP20

\*When Dynamic Peaking is applied

## Business Monitor

	Screen Size	Flat/Curved	Resolution	Brightness	Viewing angle	Connectivity	USB-C	Eye Saver Mode
CJ89	49", 43"	Curved	3840x1080(49") 3840x1200(43")	300cd/m2	178°(H)/178°(V)	HDMI, DP, USB Hub	Yes(2EA)	Yes
CHG90	49"	Curved	3840x1080	350cd/m2	178°(H)/178°(V)	HDMI 2, DP, mDP, USB Hub	N/A	Yes
CH89	34"	Curved	3440x1440	300cd/m2	178°(H)/178°(V)	HDMI, DP, USB Hub	Yes	Yes
UH85	32"	Flat	3840x2160	250cd/m2	178°(H)/178°(V)	HDMI 2, DP, mDP, USB Hub	N/A	Yes
SH85	27", 23.8"	Flat	2560x1440	350cd/m2	178°(H)/178°(V)	HDMI, DP, USB Hub	Yes	Yes
SH65	27", 24"W, 23.8"	Flat	1920x1080	250cd/m2	178°(H)/178°(V)	HDMI, DP, D-SUB, USB Hub	N/A	Yes
SE650	24"W, 23.6"	Flat	1920x1080	250cd/m2	178°(H)/178°(V)	HDMI, DP, D-SUB, USB Hub	N/A	Yes
SE450	27", 24", 23.6"	Flat	1920x1080	250cd/m2	170°(H)/160°(V)	HDMI, DP, D-SUB, USB Hub	N/A	Yes