



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

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Samsung Airport Display Solutions

Providing information to passengers through state-of-the-art technology

SMART Signage | LED Signage | Monitor | SSSP Solution | MagicINFO Solution

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Create passenger satisfaction with exceptional streamlined performance

Navigating through an airport is never easy and with the increasing amount of travelers at airports, it is more difficult than ever. As airports find ways to direct passengers throughout their journey, they are beginning to rely on digital signage more than ever. With its one-of-a-kind design, ability to produce brilliant images with an anti-glare screen and reliable performance, Samsung's displays are a perfect fit for any airport.

Providing information to passengers from the entrance to the gate, digital displays can easily guide them with little confusion. By utilizing digital displays, airports are finding a cost efficient way to manage the airport, passengers and improve operational efficiencies. Advertising is one of the major non-aeronautical revenue earners for airports. Utilizing the right selection of Samsung's digital displays throughout an airport is an incredible way for businesses to feature its brand and products to passengers as they are in the airport. With dynamic imagery and creative content, passengers will be drawn to a store, restaurant or pub. Businesses are ensured that as travelers eat and shop in its establishments; providing additional non aeronautical revenue and passenger satisfaction.

Continuous distribution of information



Concise instructions for airport navigation

Attractive promotions



Captivating messages leading to increasing non aeronautical revenue

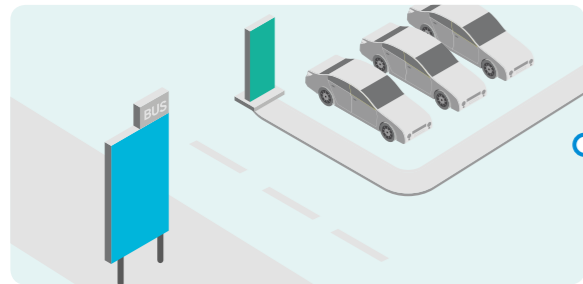
Airport efficiency management



Increasing airport performance and operating profit

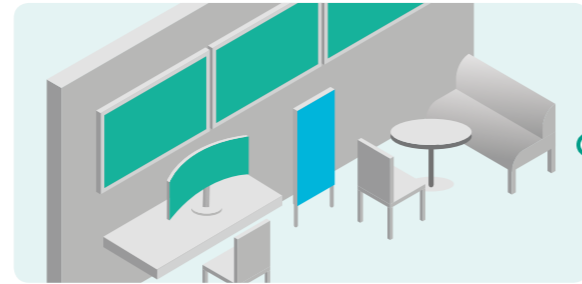
Modernized airports with advanced information

Finding the perfect way to deliver information to travelers is becoming even more important as messages are coming from numerous sources. As airports have grown larger and passenger numbers have increased, it is imperative information delivered to travelers is concise, easy to understand which increases travelers' satisfaction. Samsung's wide range of digital displays allows airports to deliver the most up-to-date and accurate information to travelers from the moment they step in the door. Not only do the digital displays guide travelers through the airport, they are revolutionizing the way they are managed with innovative operational productivity.



Parking lot / Bus shelter

Outdoor signage and outdoor LED displays provide directions to travelers while looking for a place to park or the location to be dropped off.



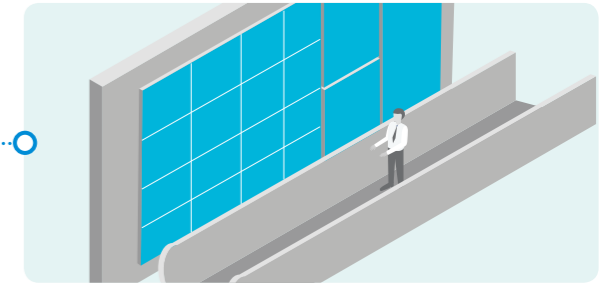
Airline lounge

Standalone signage seamlessly delivers flight information and airline messages to its passengers while waiting in an airport lounge. With curved monitors, travelers enjoy immersive entertainment and increase productivity while working, waiting to depart.



Duty-free shops & restaurants

Standalone signage and indoor LEDs provide promotional content from shops, events or city information. Restaurants or pubs incorporate video walls into their stores utilizing them as digital menu boards.



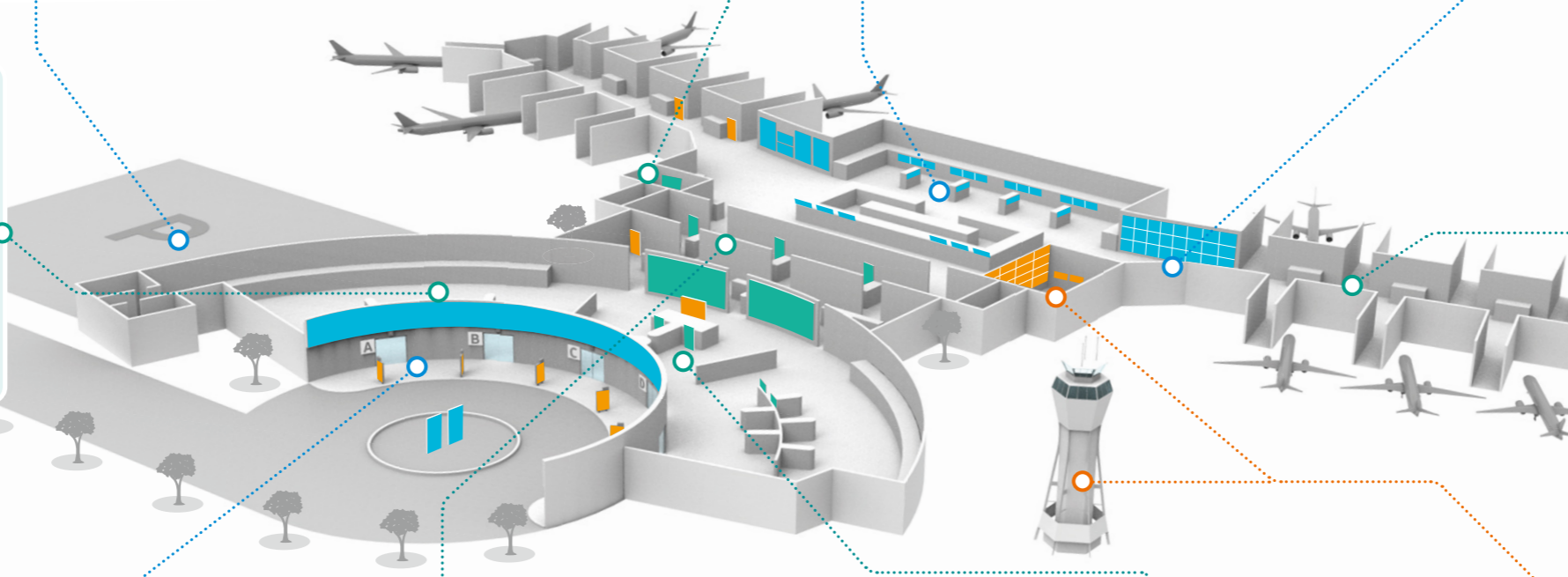
Passenger walkways

Indoor LEDs and video walls highlight the culture and heritage of a country to passengers and captivate them with attractive advertising.



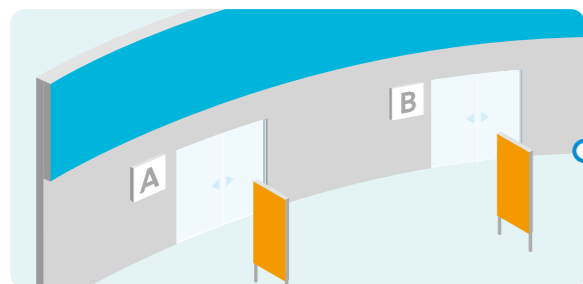
Check-in counter / Self check-in

Standalone signage gives travelers directions to the airline counter. With interactive display, travelers are allowed to check into their flight themselves. Curved monitors also increase the CUTE (Common Use Terminal Equipment) Operators' productivity.



Gate

Standalone signage delivers up-to-date flight data to passengers waiting at the boarding gate. During the wait, outdoor signage can feature last minute retail and food purchases to maximizing airport and businesses profits.



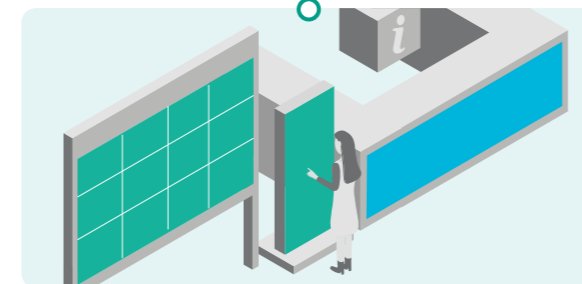
Airport entrance

Outdoor signage and outdoor LED displays provide travelers with information from parking lot details, terminal direction and businesses located in the airport to visit. Outdoor LEDs present vivid content that allows for advertising space for non-aeronautical businesses generating additional revenue.



Security check

Entering the security line is always dreaded. However, standalone signage provides detailed information to travelers of security procedures and open aisles to ease the process.



Flight information / Wayfinding

Standalone signage, indoor LED signage and video walls provide the most up-to-date gate details and flight times to passengers. Interactive displays provide detailed information to travelers, enhance their understanding of the airport and reduce pinch points.

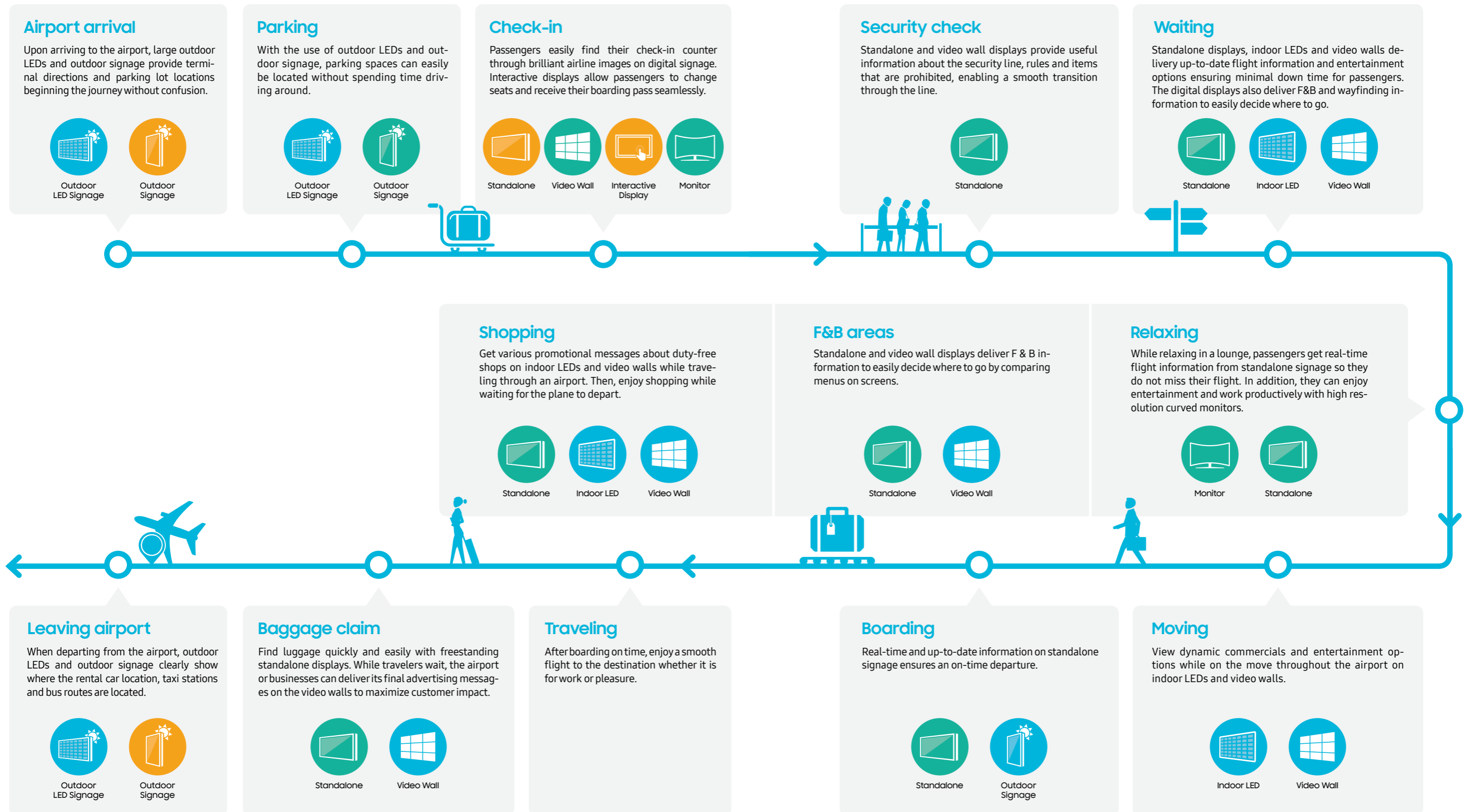


Control center / Air traffic control

Indoor LEDs and video walls allow the airport workers to monitor and manage the entire airport in airport operation control center (AOCC), ensuring passengers' safety. High-resolution curved monitors and interactive displays can be used to control air traffic.

Innovative solutions for passenger efficiency during travels

As some airports can be difficult to navigate, finding pertinent information and airport details as soon as you arrive is important. From parking lots, bus stations to the transition between ticketing, security and the gating area large and bright displays can provide this information. Also, being knowledgeable about the location of duty-free stores and shops is important. Digital displays present all the information needed to maneuver through the airport with each.



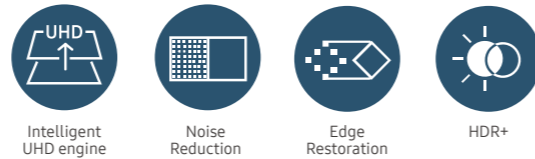


UHD signage: QMR/QBR series

Intelligent UHD upscaling

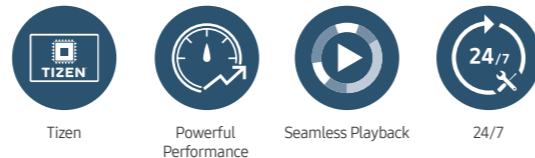
Samsung's cutting-edge intelligent UHD upscaling technology performs edge restoration and noise reduction to deliver perfect UHD picture quality for Airport, even with lower resolution content. This "future-proof" solution ensures best-in-class picture quality regardless of the original content resolution.

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



Streamlined operational efficiency

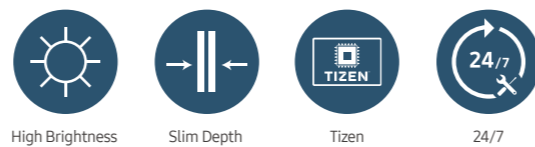
The embedded MagicINFO Player, backed by the powerful TIZEN operating system, boosts the displays overall performance, allows for painless content management and seamless content transition. Built to be reliable and long lasting, Samsung's UHD signage performs with continuous information enabling airports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



FHD signage: PHF-P series

Clear content delivery with slim design

Samsung's TIZEN-powered FHD standalone displays achieve peak performance all while maintaining a stylish and captivating design. The PHF series leverage elevated brightness and refined image sharpness to ensure a consistently clear presentation even in settings with variable lighting. Uninterrupted, 24/7 content delivery is always assured regardless of surrounding conditions.



Powerful performance and simple usability

Samsung's PHF series is IP5x validated*, signifying their dust-resistant design and ability to withstand a range of environmental conditions. Equipped with a non-glare frontal panel, The PHF series discovers heightened image visibility and information readability under light. Additionally, the standalone displays' integrated centralized infrared receiver (IR) ensures easier and more flexible user control.

*IP5x validation ensures satisfactory operation even with a certain level of dust inside the product. However, product operation is not guaranteed when exposed to particular types of dust such as metal dust.

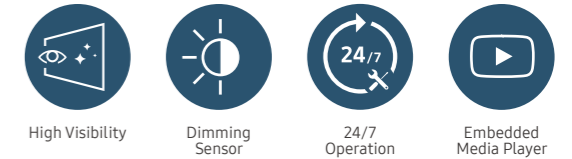


Outdoor signage: OHF/OHN/OHN-D series

Unsurpassable visibility

Samsung's outdoor signage allows for exceptional, consistent content delivery with maximum 3,300 nit brightness* and 24/7 performance for outdoor display at airport. With a built-in dimming sensor, the display automatically adjusts the brightness based on the external lighting environment, saving operating expenses and power consumption.

*Brightness varies by model.



Resistant to outdoor elements

Samsung outdoor signage is verified to perform in outdoor settings. IP56-rated protection** ensures the signage will withstand physical impact as well as dust***, humidity or other outdoor elements that could affect the display.

** Additional glass needed for kit type.

*** Ingress of dust is not entirely prevented, but will not accumulate in sufficient quantities to interfere with the satisfactory operation of the equipment.

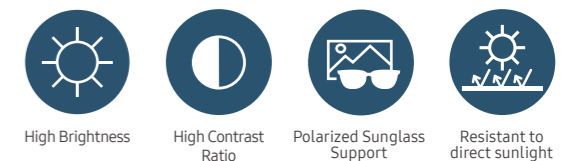


Semi-outdoor signage: OMN/OMN-D series

Brilliant presentation for all

Unlike conventional digital signage, the OMN Series delivers content that stands out, regardless of outdoor elements. Featuring 4,000 nit brightness and a high contrast ratio up to 5,000:1*, the OMN Series' display remains bright and clear, delivering an uncompromised picture that will capture the attention of potential customers - even in direct sunlight.

* Contrast ratio varies by model.



Modernize space with slim design

Through innovative design, the OMN Series delivers real-to-life pictures with a remarkably slim 54.5mm depth. Its compact size makes the display a natural extension of the store, as opposed to an addition that ties up valuable space. Customers remain focused on rich, engaging content on a sleek, sophisticated display and won't be distracted by a bulky display.

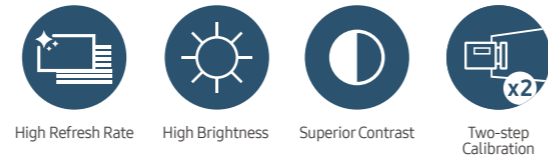
*"Conventional" refers to Samsung's OMD-W series.



Outdoor LED signage: XPE series

Superior image quality regardless of conditions

Samsung's XPE series LED signage delivers excellent image quality that captures audience eyes even in challenging environments. Through two-step in-depth calibration, enhanced image processing and an industry-best contrast ratio, the displays deliver accurate and consistent color quality content with a high refresh rate. The XPE series also is equipped to deter light interference, and produce bright images regardless of conditions.



High reliability with proactive expert support

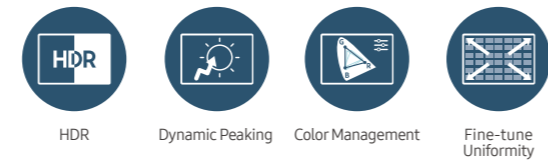
Each XPE series signage undergoes rigorous environmental testing to ensure uninterrupted performance. C3 Contamination and Ionograph testing deters circuit contamination and extends shelf-life. Complementary Climate and Humidity and Salt Fog Chamber exposure additionally ensures performance in variable weather conditions and wet and corrosive elements. In addition to enhanced durability, from inception to installation, Samsung makes the easy outdoor signage experience, providing round-the-clock service.



Indoor LED signage: IF series

Showcase brilliant true-to-life imagery

Through in-depth color management, Samsung's IF series has the ability to preserve constant gradation of images, ensuring pictures are true-to-life. The display uses technology that is nearly twice as high as the standard LED, showcasing airport 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

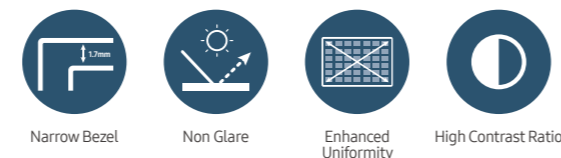
A hook-based design allows IF Series to be mount screens in a single, smooth motion. This seamless installation eliminates gaps while keeping all front and rear components visible and accessible for quick-turn maintenance. The IF Series' compact, durable design also can withstand damage from natural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



Video wall display: UHF-E, VMR-U, UHF5 series

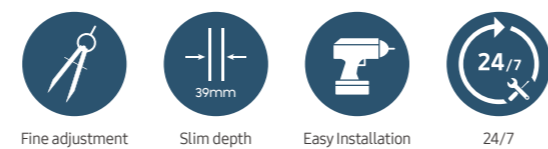
Deeper visual impact with thin bezel

Samsung created the extreme narrow bezel video wall to be a robust display that is impactful to travelers moving through an airport. The wall has a 1.7mm bezel-to-bezel width that yields a seamless picture across multiple screens, and is configured to the airport's needs. 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 airports, store or duty-free shops within an airport 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.

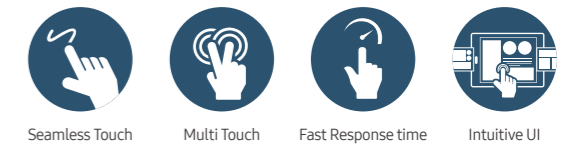


Interactive display: PMF-BC series

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.

*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.



High reliability & convenient management

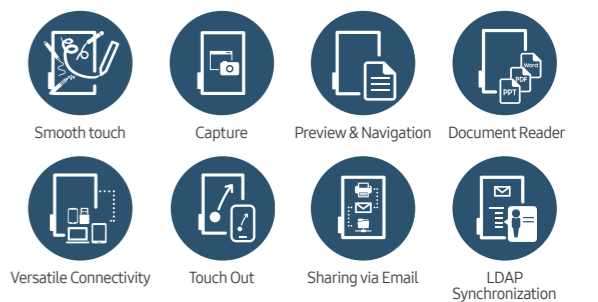
Samsung's PMF-BC displays are resilient and require little maintenance, yet are dependable and deliver content effortlessly, allowing airport to inform travelers of terminal maps. This display withstood extensive testing to validate its durability against dust, dirt, vandalism and other factors. Airport staffs are able to control the display, no matter their location, using infrared receivers, for continuous content.



Flip

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. Through collaborative decision-making, airport staffs can determine how to manage the integral components of operating an airport.



How to decide which display is right for you

Choosing the display that is right for a business depends on many different features.

LED signage: If the user wants to mount a display on a curved location or adhere it to the ceiling, LED signage must be chosen. The LED displays are available in many different sizes for customization, and play seamless content for indoor and outdoor use.

Video wall: Available in two sizes, 46-inch or 55-inch the video walls have higher resolution than LEDs and allow users to project brilliant imagery even when viewing at a close distance.



Curved monitor

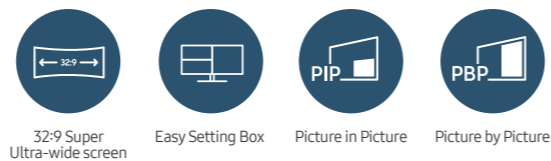
Powerful comfort with a user-friendly design

Samsung's curved monitor unifies viewing angles and prevents excessive movement when viewing content with its curved design. Workers can optimize their viewing dimensions with a height-adjustable stand and pivot, swivel and tilt options. In any configuration, specialized Eye Saver and Flicker Free Modes reduce the impact of blue light emissions and overall distortion for more comfortable long-term performance.



Convenient multi-tasking

By condensing multi-monitor setups into a single, powerful high-resolution screen, Samsung's curved monitors drive smarter and simpler multitasking. The displays' broad panel presents entire data-rich tables within one screen, offering clearer visibility and interpretation without time-consuming scrolling or zooming. Users also can reformat and reposition content from multiple sources within a single viewing plane through Picture-by-Picture, Picture-in-Picture and Easy Setting Box technologies.



High resolution monitor

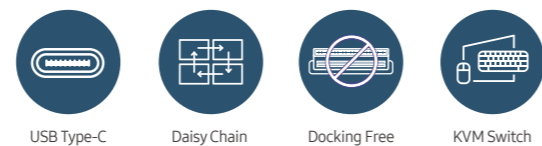
Amplified visual details

Samsung 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 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.



Distraction-free all-inclusive workstation

Samsung's high-resolution professional business monitors provide a compact, all-inclusive workstation ideal for distraction-free professional success. Extensive connectivity powers seamless content exchange between personal devices and monitors without a dedicated hub or application. And with USB Type-C connectivity and seamless multi-screen daisy chaining, Samsung's business monitors inspire a tidy, yet powerful workspace.



Samsung's solutions and services

Samsung's digital signage solutions allow airports to have a greater ability to manage all of the devices, delivering the most up-to-date information to travelers.

Samsung's airport solution

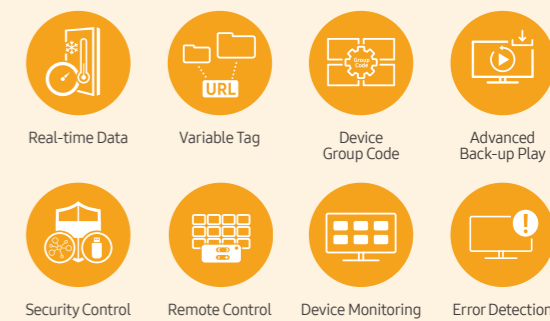
SSSP solution

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.



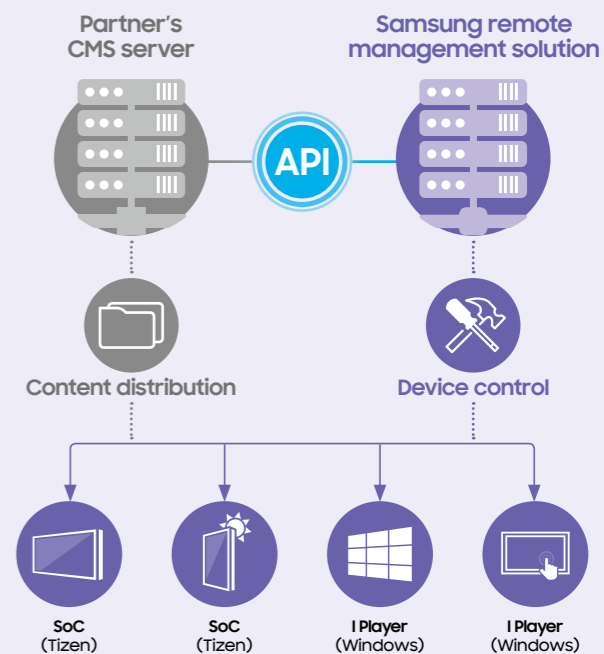
MagicINFO solution

Samsung's comprehensive MagicINFO platform can remotely manage both hardware and software through one single-point management system. With this solution, airports can conveniently create, schedule and deploy content across its entire digital signage network. MagicINFO enables content teams to update airport and flight 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 airports' 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.



Specification

LED signage

	Project	Pixel Pitch	Diode Type	Brightness ⁽¹⁾ (x Dynamic Peaking applied)	Contrast Ratio	Certification	Cabinet Size	Weight	Service ⁽²⁾	IP Rating
Indoor	IFJ	P1.2	Surface Mount Device	1,200 nit	4,000:1	EMC Class B, Safety 60950-1	806.4x453.6x76.7mm (LxHxD, per cabinet)	11.8kg/cabinet	Front and Parts Rear	IP20
	IFJ-E	P1.2	Surface Mount Device	1,200 nit	4,000:1	EMC Class B, Safety 60950-1	806.4x453.6x76.7mm (LxHxD, per cabinet)	11.8kg/cabinet	Front and Parts Rear	IP20
	IFH	P1.5, 2.0, 2.5	Surface Mount Device	1,600 nit (P1.5) 2,400 nit (P2.0, 2.5)	5,000:1	EMC Class A, Safety 60950-1	480x540x65mm (LxHxD, per cabinet)	5.8kg/cabinet	Front and Rear	IP20
	IFH-E	P1.5, 2.5	Surface Mount Device	1,200 nit (P1.5) 2,000 nit (P2.5)	5,000:1	EMC Class A, Safety 60950-1	480x540x65mm (LxHxD, per cabinet)	5.8kg/cabinet	Front and Rear	IP20
	IFH-D	P2.5, 4.0, 6.0	Surface Mount Device	2,400 nit (P2.5) 1,700 nit (P4.0) 1,800 nit (P6.0)	5,000:1	EMC Class A, Safety 60950-1	480x720x65mm (LxHxD, per cabinet)	7.4kg/cabinet	Front and Parts Rear	IP20
Outdoor	XPE	P6, 8, 10	Surface Mount Device	7,500 nit	8,500:1 (P6) 10,000:1 (P8,10)	EMC Class A, Safety 60950-1	203x203mm (LxH, per module) (P6) 264x297mm (LxH, per module) (P8) 330x165mm (LxH, per module) (P10)	0.54kg/module (P6) 1kg/module (P8) 0.69kg/module (P10)	Front Service and/or Rear Service	Silicone sealed (Module IP67, Cabinet IP65) (P6, P8) Silicone sealed (IP65) (P10)

⁽¹⁾ Peak Value according to IDMS (Information Display Measurement Standard)

⁽²⁾ Front Service : Front Service to Power Supply and Main Board on a cabinet level / Parts Rear Service : Power Supply and Main Board can be accessed from the rear

Outdoor signage

	Project	Screen Size	Resolution	Brightness	Contrast Ratio	Operation Hour	IP Rating	Connectivity	SoC	S/W
Outdoor	OHN	85"	3840 x 2160	3,300 nit	3,000:1	24/7	IP56	In: DP1.2, HDMI 2.0(2), HDCP 2.2, USB2.0 Out: Stereo Mini Jack Ext: RS232C(In/Out), RJ45(In)	SSSP 6	MagicINFO Player S6
	OHN-D (Dual display)	85"	3840 x 2160	3,300 nit	3,000:1	24/7	IP56	In: DP1.2(2), HDMI 2.0(4), HDCP 2.2, USB2.0(2) Out: Stereo Mini Jack Ext: RS232C(In/Out), RJ45(In)	SSSP 6	MagicINFO Player S6
	OHF	46", 55", 75"	1920 x 1080	3,000 nit(46") 2,500 nit(55", 75")	5,000:1	24/7	IP56	In: HDMI1.4(2), HDBaseT(LAN Common), HDCP 2.2, USB2.0 Out: Stereo Mini Jack Ext: RS232C(In/Out), RJ45(In/Out), HDBaseT	SSSP 4	MagicINFO Player S4
Semi-Outdoor	OMN	46", 55"	1920 x 1080	4,000 nit	5,000:1(46") 4,000:1(55")	24/7	IP5X Validated	In: DP1.2, HDMI 2.0(2), HDCP 2.2, USB2.0 Out: HDMI 2.0, Stereo Mini Jack Ext: RS232C(In/Out), RJ45(In/Out)	SSSP 6	MagicINFO Player S6
	OMN-D (Dual Display)	46", 55"	1920 x 1080	3,000 nit(front) 1,000 nit(back)	5,000:1(46") 4,000:1(55")	24/7	IP5X Validated	In: HDMI 2.0(2), HDCP 2.2, USB2.0(2) Ext: RS232C(In/Out), RJ45(In)	SSSP 6	MagicINFO Player S6
	OMD-W	75"	1920 x 1080	2,500 nit	5,000:1	24/7	-	In: Analog D-SUB, DVI-D, DP1.2, HDMI(2), Component(CVBS Common), HDCP1.4, Stereo Mini Jack, USB 2.0 Out: DP1.2(Loop-out), Stereo Mini Jack Ext: RS232C(In/Out), RJ45	SSSP 2	MagicINFO Player S2
	OMH	32"	1920 x 1080	1,000 nit	3,000:1	16/7	-	In: DP, HDMI(2), HDCP 2.2, USB(1) Out: DP1.2(Daisy Chain), Stereo Mini Jack Ext: RS232C(In/Out), RJ45(In/Out), HDBaseT(In)	SSSP 4	MagicINFO Player S4

Video wall display

Project	Screen Size	Resolution	Brightness	Contrast Ratio	Operation Hour	B-to-B (mm)	Bezel Width	Connectivity
UHF-E/UHN-E	46"(UHN-E) 55"(UHF-E)	1920 x 1080	700 nit	4,000:1	24/7	1.7mm	1.15mm(U/L), 0.55mm(R/B)	In: Analog D-SUB, DVI-D, DP1.2, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack Out: DP1.2(Loop-out), Stereo Mini Jack Ext: RS232C(In/Out), RJ45
UMH-E/UMN-E	46"(UMN-E) 55"(UMH-E)	1920 x 1080	500 nit	4,000:1	24/7	1.7mm	1.15mm(U/L), 0.55mm(R/B)	In: Analog D-SUB, DVI-D, DP1.2, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack Out: DP1.2(Loop-out), Stereo Mini Jack Ext: RS232C(In/Out), RJ45
VMR-U	46"	1920 x 1080	500 nit	3,500:1	24/7	3.5mm	2.3mm(U/L) 1.2mm(R/B)	In: DP1.2, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack Out: HDMI, Stereo Mini Jack Ext: RS232C(In/Out), RJ45
UDE-A/UDE-B	46", 55"	1920 x 1080	700 nit(UDE-A) 500 nit(UDE-B)	4,000:1(55") 3,500:1(46")	24/7	3.5mm	2.3mm(U/L), 1.2mm(R/B)	In: Analog D-SUB, DVI-D, DP1.2, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack Out: DP1.2(Loop-out), Stereo Mini Jack Ext: RS232C(In/Out), RJ45
UHF5	46"	1920 x 1080	700 nit	4,000:1	24/7	5.5mm	3.4mm(U/L), 2.0mm(R/B)	In: DVI-D, DP1.2, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack Out: DP1.2(Loop-out), Stereo Mini Jack Ext: RS232C(In/Out), RJ45(In)

UHD signage

Project	Screen Size	Resolution	Brightness	Contrast Ratio	Operation Hour	Panel Type	IP Rating	Connectivity	SoC	S/W
QHH	55", 65"	3840 x 2160	600 nit	6,000:1	16/7	-	-	In: DP1.2, HDMI 2.0(2), HDCP 2.2, USB2.0(2) Out: HDMI #1 ARC support / Ext: RS232C(In/Out), RJ45	SSSP 5	MagicINFO Player S5
QMR	43", 49", 55", 65", 75"	3840 x 2160	500 nit	6,000:1(75") 4,000:1 (43", 49", 55", 65")	24/7	Non-Glare	IP5X Validated	In: DVI-D, DP1.2, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack, USB2.0(2) Out: HDMI 2.0(Loop-out), Stereo Mini Jack / Ext: RS232C(In/Out), RJ45	SSSP 6	MagicINFO Player S6
QMN	85", 98"	3840 x 2160	500 nit	4,000:1(98") 3,000:1(85")	24/7	Non-Glare	-	In: DVI-D, DP1.2, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack, USB2.0(2) Out: HDMI 2.0(Loop-out), Stereo Mini Jack / Ext: RS232C(In/Out), RJ45	SSSP 6	MagicINFO Player S6
QBR	43", 49", 55", 65", 75"	3840 x 2160	350 nit	5,000:1(43") 4,700:1(49", 55") 4,000:1(65", 75")	16/7	-	IP5X Validated	In: DVI-D, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack, USB2.0(2) Out: Stereo Mini Jack / Ext: RS232C(In/Out), RJ45	SSSP 6	MagicINFO Player S6
QEN	82"	3840 x 2160	300 nit	5,000:1	16/7	-	-	In: DVI-D, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack, USB2.0(2) Out: Stereo Mini Jack / Ext: RS232C(In/Out), RJ45	SSSP 6	MagicINFO Player S6

FHD signage

Project	Screen Size	Resolution	Brightness	Contrast Ratio	Operation Hour	Panel Type	IP Rating	Connectivity	SoC	S/W
PHF-P	43", 49", 55"	1920 x 1080	700 nit	4,000:1(49", 55") 3,000:1(43")	24/7	Non-Glare	IP5X Validated	In: DVI-I, DP1.2, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack, USB2.0(2) Out: DP1.2(Loop-out), Stereo Mini Jack / Ext: RS232C(In/Out), RJ45	SSSP 4	MagicINFO Player S4
PMF	32"	1920 x 1080	400 nit	5,000:1	16/7	-	IP5X Validated	In: DVI-I, DP1.2, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack, USB2.0(2) Out: DP1.2(Loop-out), Stereo Mini Jack / Ext: RS232C(In/Out), RJ45	SSSP 4	MagicINFO Player S4

Interactive display

Project	Screen Size	Resolution	Brightness	Contrast Ratio	Operation Hour	Touch Type	# of Touch	Connectivity	SoC	S/W
PMF-BC	32" 43" 55"	1920 x 1080	300 nit (32") 350 nit (43") 400 nit (55")	5,000:1(32") 3,000:1(43") 4,000:1(55")	24/7(43", 55") 16/7(32")	Capacitive touch	Max. 10 Touch	In: DVI-I(D-SUB Common), DP1.2, HDMI 2.0(2), HDCP 2.2, Stereo Mini Jack, USB 2.0(2, 1 used for touch) Out: DP1.2(Loop-out), Stereo Mini Jack, USB Type-B(2) Ext: RS232C(In/Out), RJ45	SSSP 4	Built-in MagicInfo S4

Business monitor

	Project	Screen Size	Flat/Curved	Aspect Ratio	Resolution	Brightness	Viewing angle	Connectivity	Eye Saver Mode
Ultra Wide	CJ89	43", 49"	Curved	32:10(43") 32:9(49")	3840 x 1200(43") 3840 x 1080(49")	300 nit	178°(H)/178°(V)	DP1.2, HDMI 2.0, USB Type-C(2), USB Hub(3.0 x1, 2.0 x2)	Yes
	CHG90	49"	Curved	32:9	3840 x 1080	350 nit	178°(H)/178°(V)	DP1.4, Mini DP1.4, HDMI 2.0(2), USB Hub 3.0	Yes
High Resolution (UHD/QHD)	CH89	34"	Curved	21:9	3440 x 1440	300 nit	178°(H)/178°(V)	DP, HDMI, USB Type-C, USB Hub(3.0 x1, 2.0 x2)	Yes
	UH85	32"	Flat	16:9	3840 x 2160	250 nit	178°(H)/178°(V)	DP1.2(1), HDMI(2.0 x1, 1.4 x1), USB Hub 3.0	Yes
	SH85	24", 27"	Flat	16:9	2560 x 1440	350 nit(27") 300 nit(24")	178°(H)/178°(V)	DP, HDMI, DP Out(Daisy Chain), USB Type-C, USB Hub 2.0	Yes

MagicINFO solution

	Number of displays connecting to MagicINFO Server			
	<200	<2000	<5000	>5000
OS	Windows Server® 2008 / 2012 / 2016			
CPU	Intel Xeon E3-1200 or better	Intel Xeon E5-2400 or better	Intel Xeon E5-2600 or better	Intel Xeon E5-4600 or better
RAM	4 GB or more	8 GB or more	16 GB or more	32 GB or more
HDD	At least 100 GB for basic setup (operating system and server application) *Heavily dependent on the amount of content data to be stored on the server			
Network Bandwidth	64 kbps or better			
Number of Servers	1	2	3	3 or more; dependent on scenario