

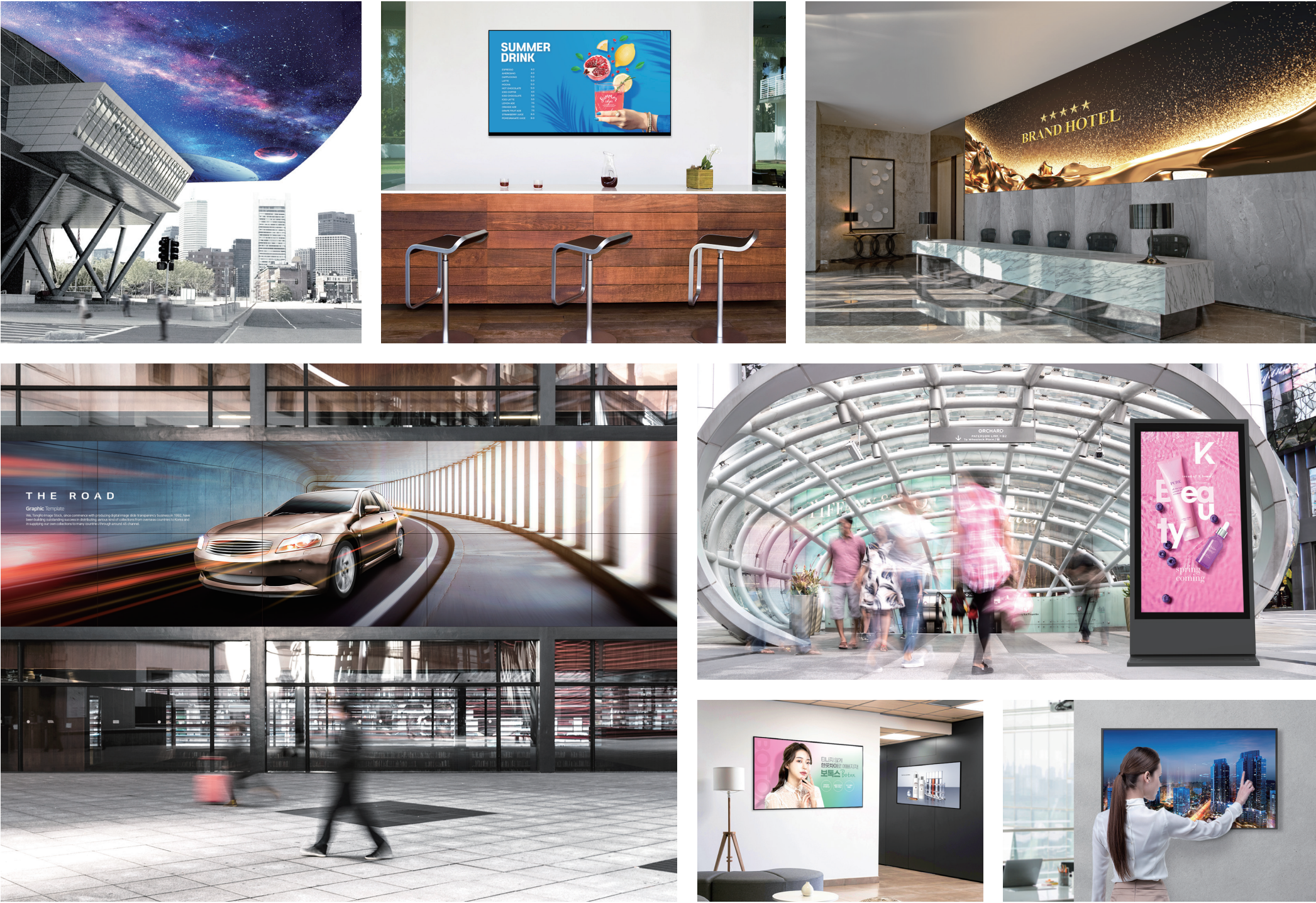
Digital Signage Specialist Company

SYSMATE CATALOG



Digital Signage Manufacturing Technology for 10 Years, Leading in Technology, Market, and Social Contribution

With the development and release of digital signage products tailored for various places and industries, we provide optimal services based on the characteristics and purposes of each location.



CONTENTS

01	SYSMATE Introduction	
	Company History	04
	Patents and Certifications	05
	SYSMATE POD	06
	Samsung Electronics Business Partner	07
02	LED DISPLAY	
	Indoor LED Display	08
	Outdoor LED Display	10
03	Digital Signage	
	Stand Signage	12
	Rotating Stand Signage	14
	Touch Display	16
	Lightweight Multi Vision	18
	Outdoor Signage	20
	Frame Signage	22
04	Samsung Electronics	
	Samsung Signage	24
05	Custom Development	
	Custom Kiosk Production	26
	Custom Solution Development	27

SYSMATE INTRODUCTION

■ Digital Signage Specialist Company, SYSMATE

SYSMATE is a specialized company that provides integrated solutions for the design, development, installation, and maintenance of digital signage products optimized for advertising and promotion. We offer digital signage, kiosks, and solutions to help realize customer value and needs.

■ SYSMATE Management Philosophy

From professional installation planning to user training, we promise the realization of perfect quality and the highest service value.



Competitiveness

By designing, manufacturing, and developing products entirely with our own technology and infrastructure, we take full responsibility for every process, ensuring seamless service from design to installation and maintenance.



Distinction

Utilizing new technologies and know-how from our 10 years of experience in developing and manufacturing digital signage, we continue to offer distinctive products that set us apart from the competition.



Innovation

With a fearless approach to challenges, we consistently strive for innovation, building strong market leadership to position ourselves as a frontrunner in the digital signage industry.



Persist

SYSMATE continues to challenge new fields, pursuing sustainable growth through ongoing research and development.

■ Company History

2013 ~ 2015

- Established SYSMATE Co., Ltd. (2013)
- Set up a corporate R&D center / Built a factory
- Contracts for video information display devices through the Public Procurement Service (PPS)
- Signed contracts to supply digital signage to nationwide Mango Six, Hansot Dosirak, and YES stores

2016 ~ 2018

- Achieved No. 1 sales in the video information display category in the Public Procurement Service (2017-2022)
- Acquired information communication construction license
- Obtained GS Grade 1 certification for signage solutions
- Selected as a promising company for overseas procurement markets (G-PASS)
- Signed contracts to supply signage to all floors of Naver headquarters and all branches of Samsung Life Insurance

2019 ~ 2021

- Awarded the 2019 Venture Startup Grand Prize (by the Minister of SMEs and Startups)
- Awarded the 17th Korea Startup Grand Prize (by the Minister of Trade, Industry, and Energy)
- Obtained various certifications including VSL traffic safety signage production
- Made Incheon International Airport T1 renovation project
- Selected as a 2020 Smart Store technology supplier

2022 ~ Present

- Awarded by the Minister of SMEs and Startups in 2022 for SME contributions
- Obtained quality assurance procurement certification for video information display devices and interactive whiteboards
- Contracted to build large LED displays in Kia Motors showrooms nationwide
- Selected as a 2022 Hi-Seoul Outstanding Company (by the Seoul Mayor)
- Selected as a 2023 "Small but Strong Company" (by the Ministry of Employment and Labor)
- Recognized as an excellent venture company for continuous growth and job creation
- Selected as an Outstanding Industrial Design product (GD)
- Awarded the Q-Mark for quality certification
- Received green technology certification for LED display manufacturing

■ Key Patents

- Technology Patents: 20 patents, including Patent No. 10-2386056 for video information display devices.
- Design Patents: 6 design patents, including one for the display-equipped advertisement stand.
- Program Registrations: 18 registrations, including DIDMATE PLAYER and DID output program.
- Technology Certifications: 19 certifications, including software quality certification (GS Grade 1) for DIDMATE PLAYER V.2.2.0.



■ Production Certifications

13 certifications for direct production, including video information display devices and interactive whiteboards.



■ Other Certifications and Awards

31 certifications and awards, including ISO 9001, ISO 14001, and quality assurance certifications for video information display devices and interactive whiteboards.



■ Sysmate POD (Point of Difference)



01. Digital Signage - Market No. 1

- Awarded the “Information Display Certification” (Commercial Display & Interactive Whiteboard)
- Development of digital signage - 10 years of experience, leading the market with top competitiveness
- Awarded as a business solution partner in digital signage (2024 B2B STAR)
- Proprietary technology partnerships with major domestic and overseas M/S & R&D

02. Industry-exclusive integrated business operation

- Exclusive hardware development and research infrastructure for digital signage and related content
- 373 types of product content, possessing a unique database of core technologies
- Realization of integrated business management through manufacturing, supply, and delivery at one-stop production sites

03. Industry-exclusive specialized customer service system construction

- Operating a CRM system to efficiently manage customer response based on customer data
- Providing prompt nationwide service through a proprietary technology center and over 200 regional partners

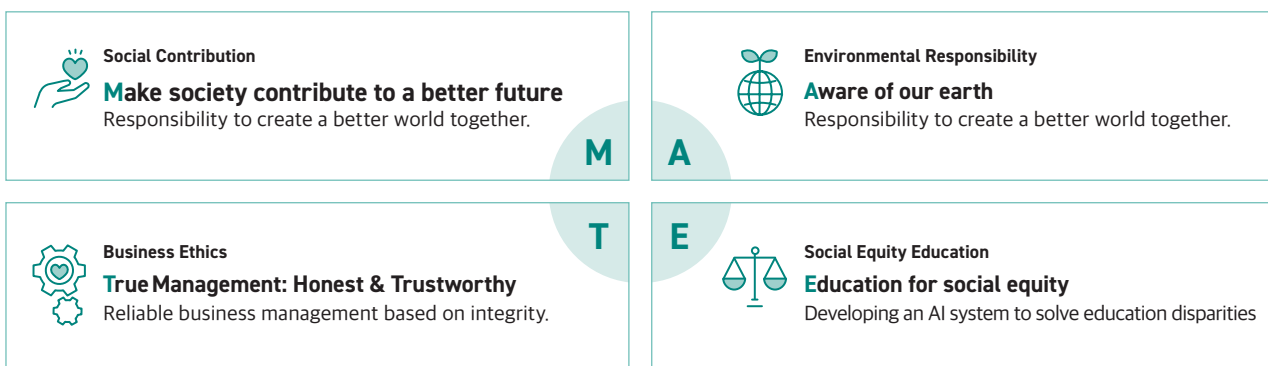
04. Industry-exclusive ESG declaration and execution

- Conducting business with regional-based partners in non-face-to-face fields (media art, psychiatric design, clinical design, etc.)
- Strengthening environmental technology through IT, data, and display product development for environmental preservation
- Creating public service products through co-work with regional partners

■ ESG Management

With advanced technology and superior product and service offerings, Sysmate ensures stable, customer-friendly services, designated as “Consumer MATE.”

Business MATE, SYSMATE



■ Samsung Electronics Business Partner

- Sysmate, selected as a Samsung Electronics business partner, sells officially certified products from Samsung Electronics. Sysmate is a leading company in the digital signage industry, providing the highest level of services to customers by offering Samsung Electronics' business solutions through professional consultation and product sales.
- Sysmate has over 10,000 unique installation and management experiences, specializing in comprehensive customer requirements like new installations, relocations, maintenance, and direct collaboration through various professional formats.







■ Clients and Partners



INDOOR LED DISPLAY

Indoor LED Display with Immersive Visual Impact

The indoor LED display has a slim bezel-less design, offering a bright and vivid screen for immersive viewing. It enhances the elegance of spaces such as seminar rooms, banquet halls, and auditoriums with customized professional installations tailored to various spaces and forms.

-  **Diverse Lineup**
Various pixel pitch configurations for different usage purposes.
-  **Custom Professional Design and Installation**
Customized professional installation based on the customer's needs to fit specific spaces.
-  **Easy Maintenance with Front Module Accessibility**
Easy front module removal and maintenance.
-  **Green Technology through Power Saving**
Power-saving features using cathode circuits and white balance control technology.



Indoor LED Display References



Lian Wirye Exhibition Hall (SM250H)
5.12 × 0.96 m / Pixel pitch P2.5 mm



Yeongdeungpo Saemaeul Geumgo (SM187H)
3.6 × 2 m / Pixel pitch P1.87 mm



Shinsegae Department Store, Centum City Branch (SM250H)
12.5 × 5.28 m / Pixel pitch P2.5 mm

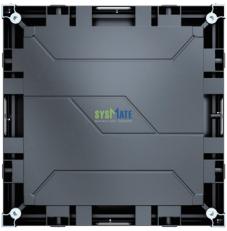


DDP Design Lab (SM250H)
4.8 × 1.92 m / Pixel pitch P2.5 mm



Product Specifications (16:9 Cabinet)

Model	SM125H	SM156H	SM187H
Pitch (mm)	P 1.25	P 1.56	P 1.87
LED Type	COB	SMD	SMD
Brightness	600 nit	600 nit	600 nit
Contrast Ratio	3,000:1	5,000:1	5,000:1
Cabinet Size (mm)	600 × 337.5 × 31 (16:9)	600 × 337.5 × 31 (16:9)	600 × 337.5 × 31 (16:9)
Cabinet Resolution (Pixel)	480 × 270	384 × 216	320 × 180
Cabinet Weight	4.5 kg	4.05kg	4.05kg
Average Power Consumption	≤312W/m ²	270W/m ²	270W/m ²
Maximum Power Consumption	≤585W/m ²	650W/m ²	650W/m ²
Module Size (mm)	150 × 168.75	300 × 168.75	300 × 168.75
Refresh Rate	2800~3840 Hz	3,840Hz	3,840Hz
Operating System (Options)	Controller, Set-top box, Manager CMS Program (PC network remote control), Client CMS Program		







Product Specifications (1:1 Cabinet)

Model	SM250H
Pitch (mm)	P 2.5
LED Type	SMD
Brightness	600 nit
Contrast Ratio	5,000:1
Cabinet Size (mm)	480 × 480 × 50.8 (1:1)
Cabinet Resolution (Pixel)	192 × 192
Cabinet Weight	5.55kg
Average Power Consumption	400W/m ²
Maximum Power Consumption	800W/m ²
Module Size (mm)	240 × 240
Refresh Rate	3,840Hz
Operating System (Options)	Controller, Set-top box, Manager CMS Program (PC network remote control), Client CMS solution

OUTDOOR LED DISPLAY

Outdoor LED Display with High Brightness and Durability

The outdoor LED display provides high brightness and clear color reproduction regardless of the surrounding environmental conditions. With a waterproof and dustproof design and custom structures, it delivers intuitive information through direct viewing, even in outdoor environments.

-  **Diverse Lineup**
Offers a variety of pixel pitch configurations tailored to different use cases.
-  **Custom Professional Design and Installation**
Custom professional installations based on customer needs to fit specific spaces.
-  **Easy Maintenance with Front Module Accessibility**
Convenient front module removal for easy maintenance and repair.
-  **Green Technology through Power Saving**
Power-saving features using cathode circuits and white balance control technology.



Outdoor LED Display References



Croange Shopping Mall (OD-SM-3.9)
4.5 × 2.5 m / Pixel Pitch P3.9 mm



Shin Boryeong Power Plant (OD-SM-2.9)
11 × 1.5 m / Pixel Pitch P2.9 mm



Korea University Ansan Hospital (OD-SM-5)
8.32 × 1.6 m / Pixel Pitch P5 mm

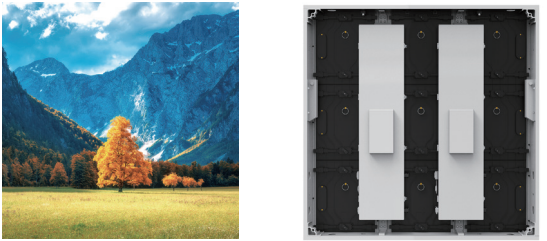


Namwon Kim Byung-jong Art Museum (OD-SM-2.9)
8 × 1 m / Pixel Pitch P2.9 mm



Product Specifications (Pixel Pitch 2.6~3.9mm)

Model	OD-SM-2.6	OD-SM-2.9	OD-SM-3.9
Pitch (mm)	P 2.6	P 2.9	P 3.9
Brightness	4,000 nit	4,500 nit	4,500 nit
Refresh Rate	1,920~3,840Hz	1,920~3,840Hz	1,920~3,840Hz
Cabinet Size (mm)	500 × 500 (1 : 1)	500 × 500 (1 : 1)	500 × 500 (1 : 1)
Cabinet Resolution (Pixel)	192 × 192	168 × 168	128 × 128
Average Power Consumption	320W/m ²	320W/m ²	320W/m ²
Maximum Power Consumption	800W/m ²	800W/m ²	800W/m ²
Maintenance	Front	Front	Front
Viewing Angle	160°	160°	160°
Solution (Optional)	Network remote control solution *Contact us for details		







Product Specifications (Pixel Pitch 6~10mm)

Model	OD-SM-6	OD-SM-8	OD-SM-10
Pitch (mm)	P 6	P 8	P 10
Brightness	6,000 nit	6,500 nit	8,000 nit
Refresh Rate	1,920~3,840Hz	1,920~3,840Hz	1,920~3,840Hz
Cabinet Size (mm)	960 × 960 (1 : 1)	960 × 960 (1 : 1)	960 × 960 (1 : 1)
Cabinet Resolution (Pixel)	160 × 160	128 × 128	96 × 96
Average Power Consumption	320W/m ²	320W/m ²	320W/m ²
Maximum Power Consumption	800W/m ²	800W/m ²	800W/m ²
Maintenance	Rear	Rear	Rear
Viewing Angle	160°	160°	160°
Solution (Optional)	Network remote control solution *Contact us for details		

STAND SIGNAGE

Samsung Smart Signage and kiosk-integrated stand signage

With 4K UHD high resolution, Samsung’s stand signage of this series is designed to integrate with Samsung Smart Signage and kiosks seamlessly. It blends well with interiors, providing a more elegant and convenient customer experience.

-  **USB Input (U TYPE)**
Media content can be played via USB storage – Easy connection.
-  **MagicInfo Premium (Network Type / Optional)**
USB or network-based PC connection allows remote content control and management.
-  **Web Viewing UI**
Supports web-based content connection and viewing.
-  **Touch Screen (Optional)**
Adding infrared touch sensor allows using the device as a touch kiosk.



Stand Signage Reference



Mini-gold Starfield Goyang (QH430CS)



BiWon Music hall (QM650CS)



Yonsei I-Bom Women's Hospital (QH550CS)



You & I Cam company (QM650CS)

Product Specifications (QBS SERIES)

Inch	43"	50"	55"	65"	75"
Model	QB430CS	QB500CS	QB550CS	QB650CS	QB750CS
	LH43QBCEBGCXKR	LH50QBCEBGCXKR	LH55QBCEBGCXKR	LH65QBCEBGCXKR	LH75QBCEBGCXKR
Resolution	3840 × 2160 (4K UHD)				
Brightness	350 nit				
Contrast Ratio	4,000:1				
Haze	Glare				
Input Type	USB Input (default) / NETWORK (optional)				
MagicINFO Premium	Optional (Network remote control content management)				
USB Ports	USB × 1 (USB Input) / USB × 2, RJ45 (NETWORK)				
Dimensions (mm)	585 × 1900 × 497.6	691 × 1900 × 497.6	740 × 1900 × 497.6	900 × 1940 × 497.6	1015 × 2090 × 560
Touchscreen Option	IR (for kiosk utilization)				

Product Specifications (QMS SERIES)

Inch	32"	43"	50"	55"	65"	75"
Model	QM320CS	QM430CS	QM500CS	QM550CS	QM650CS	QM750CS
	LH32QMCEBGCXKR	LH43QMCEBGCXKR	LH50QMCEBGCXKR	LH55QMCEBGCXKR	LH65QMCEBGCXKR	LH75QMCEBGCXKR
Resolution	1920 x 1080 (FHD)	3840 × 2160 (4K UHD)				
Brightness	400 nit	500 nit				
Contrast Ratio	4,000:1	4,000:1				
Haze	Glare	Non-Glare				
Input Type	USB Input (default) / NETWORK (optional)					
MagicINFO Premium	Optional (Network remote control content management)					
USB Ports	USB × 1 (USB Input) / USB × 2, RJ45 (NETWORK)					
Dimensions (mm)	470 x 1594.2 × 497.6	585 × 1900 × 497.6	691 × 1900 × 497.6	740 × 1900 × 497.6	900 × 1940 × 497.6	1015 × 2090 × 560
Touchscreen Option	IR (for kiosk utilization)					





Product Specifications (QHS SERIES)

Inch	43"	50"	55"	65"	75"
Model	QH430CS	QH500CS	QH550CS	QH650CS	QH750CS
	LH43QHCEBGCXKR	LH50QHCEBGCXKR	LH55QHCEBGCXKR	LH65QHCEBGCXKR	LH75QHCEBGCXKR
Resolution	3840 × 2160 (4K UHD)				
Brightness	700 nit				
Contrast Ratio	4,000:1				
Haze	Non-Glare				
Input Type	USB Input (default) / NETWORK (optional)				
MagicINFO Premium	Optional (Network remote control content management)				
USB Ports	USB × 1 (USB Input) / USB × 2, RJ45 (NETWORK)				
Dimensions (mm)	585 × 1900 × 497.6	691 × 1900 × 497.6	740 × 1900 × 497.6	900 × 1940 × 497.6	1015 × 2090 × 560
Touchscreen Option	IR (for kiosk utilization)				

PIVOT STAND SIGNAGE

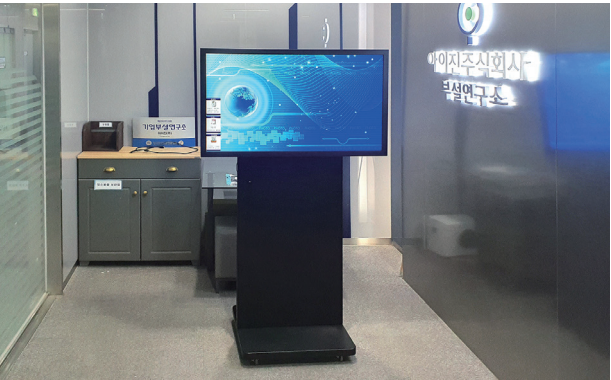
Pivot stand signage allowing free rotation to landscape or portrait mode depending on the content

The pivot stand signage allows free rotation of the screen depending on the format of the content. It can be installed in various spaces without difficulty and is an ideal solution for convenient viewing with easy rotation in both horizontal and vertical modes.

-  **USB Input (U TYPE)**
Convenient media playback through USB storage connection.
-  **Android Network (N TYPE)**
USB support and remote content control via PC network.
-  **Windows (P TYPE)**
Full compatibility with Windows OS for flexible operation.
-  **Touch Screen (PT TYPE)**
The optional IR touch sensor adds touch functionality, allowing use as a touch kiosk.



■ Pivot Stand Signage References



AiJin Co., Ltd. (DS430PU)



Smart Korea Life Vision company (DS430PU)



Seoul Kangnam police office (DS550PU)



Namyang company (DS550PU)

■ Product Specifications (43 inches)

Model	DS430PU	DS430PN	DS430PP	DS430PPT
Brightness	500 nit	500 nit	500 nit	500 nit
Resolution	3,840 × 2,160 (4K UHD)	3,840 × 2,160 (4K UHD)	3,840 × 2,160 (4K UHD)	3,840 × 2,160 (4K UHD)
Contrast Ratio	1,000:1	1,000:1	1,000:1	1,000:1
Input	USB INPUT	ANDROID	PC	PC TOUCH
Touch Sensitivity (Response Time)	N/A	N/A	N/A	IR TOUCH 10Point (10ms)
Solution (Optional)	Network remote control solution *Contact for details			
I/O Ports	USB × 1	USB × 2, RJ45	USB × 2, RJ45	USB × 2, RJ45
Dimensions (mm, W × H × D)	(Case) 1000.6 × 1575.9 × 497.6 / (Case) 589.6 × 1781.4 × 497.6			

■ Product Specifications (49 inches)

Model	DS490PU	DS490PN	DS490PP	DS490PPT
Brightness	500 nit	500 nit	500 nit	500 nit
Resolution	3,840 × 2,160 (4K UHD)	3,840 × 2,160 (4K UHD)	3,840 × 2,160 (4K UHD)	3,840 × 2,160 (4K UHD)
Contrast Ratio	1,000:1	1,000:1	1,000:1	1,000:1
Input	USB INPUT	ANDROID	PC	PC TOUCH
Touch Sensitivity (Response Time)	N/A	N/A	N/A	IR TOUCH 10Point (10ms)
Solution (Optional)	Network remote control solution *Contact for details			
I/O Ports	USB × 1	USB × 2, RJ45	USB × 2, RJ45	USB × 2, RJ45
Dimensions (mm, W × H × D)	(Case) 1124 × 1608.1 × 497.6		(Case) 1136.6 × 1613.4 × 497.6	
	(Case) 654 × 1843.1 × 497.6		(Case) 664.6 × 1849.4 × 497.6	

■ Product Specifications (55 inches)

Model	DS550PU	DS550PN	DS550PP	DS550PPT
Brightness	500 nit	500 nit	500 nit	500 nit
Resolution	3,840 × 2,160 (4K UHD)	3,840 × 2,160 (4K UHD)	3,840 × 2,160 (4K UHD)	3,840 × 2,160 (4K UHD)
Contrast Ratio	1,000:1	1,000:1	1,000:1	1,000:1
Input	USB INPUT	ANDROID	PC	PC TOUCH
Touch Sensitivity (Response Time)	N/A	N/A	N/A	IR TOUCH 10Point (10ms)
Solution (Optional)	Network remote control solution *Contact for details			
I/O Ports	USB × 1	USB × 2, RJ45	USB × 2, RJ45	USB × 2, RJ45
Dimensions (mm, W × H × D)	(Case) 1258 × 1650.1 × 497.6		(Case) 1278 × 1655.1 × 497.6	
	(Case) 738 × 1910.1 × 497.6		(Case) 748 × 1920.1 × 497.6	

TOUCH DISPLAY

Samsung Smart Signage with integrated IR Touch - Q Series Touch Display

This Q Series touch display combines Samsung's smart signage with 4K UHD resolution and IR touch technology with 10-point touch capability. It is a versatile product that can be used for advertising and promotions, as well as for business or educational monitoring through a web-based environment.

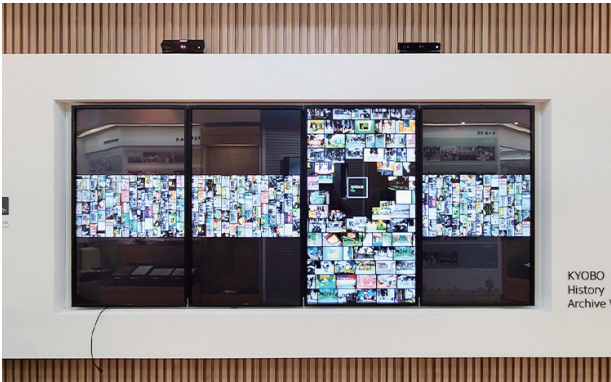
- 4K** **4K UHD High-Resolution Content Playback**
Deliver high-definition content with 4K UHD resolution for optimal clarity.
- Various External Device Connections Supported**
Compatible with PC, IPTV, and external devices via multiple input ports for flexible operations.
- Web Viewing (Web Browser)**
Web browsing capabilities without the need for a separate PC or set-top box.
- Touch Screen (Touchscreen)**
Optional IR touch sensors add touch functionality, allowing for use as a touch kiosk.



Touch Display References



IFC Mall, Yeouido, Comprehensive Exhibition Center (QB55C_IR)



Kyobo Life Insurance (QM55C_IR)



Han Dok healthy Museum (QM65C_IR)



Guri Library for Children (QB43C_IR)

Product Specifications (QB-IR SERIES)

Inch	Model	Resolution (Brightness)	Contrast Ratio	Touch Type / Response Time	Size (W × H × D, mm)	Input Ports
43"	QB43C_IR LH43QBCEBGCXKR	3840 x 2160 (350 nit)	4,000:1	IR 10 Point / 8ms (Typ.)	1008 x 596.4 x 50 / 200 × 200	HDMI(3), USB(1), RS232, RJ45
50"	QB50C_IR LH50QBCEBGCXKR	3840 x 2160 (350 nit)	4,000:1	IR 10 Point / 8ms (Typ.)	1173 x 686.3 x 50 / 200 × 200	
55"	QB55C_IR LH55QBCEBGCXKR	3840 x 2160 (350 nit)	4,000:1	IR 10 Point / 8ms (Typ.)	1279 x 751 x 50 / 200 × 200	
65"	QB65C_IR LH65QBCEBGCXKR	3840 x 2160 (350 nit)	4,000:1	IR 10 Point / 8ms (Typ.)	1496.4 x 871 x 50 / 400 × 300	
75"	QB75C_IR LH75QBCEBGCXKR	3840 x 2160 (350 nit)	4,000:1	IR 10 Point / 8ms (Typ.)	1718 x 994 x 60 / 400 × 400	
85"	QB85C_IR LH85QBCEBGCXKR	3840 x 2160 (350 nit)	4,000:1	IR 10 Point / 8ms (Typ.)	1946.2 x 1125 x 60 / 600 × 400	

Product Specifications (QM-IR SERIES)

Inch	Model	Resolution (Brightness)	Contrast Ratio	Haze	Touch Type / Response Time	Size (W × H × D, mm)	Input Ports
32"	QM32C_IR LH32QMCEBGCXKR	1920 x 1080 (400 nit)	4,000:1	Glare	IR 10 Point / 8ms (Typ.)	766.5 x 460.5 x 50 / 100 × 100	HDMI(3), USB(1), RS232, RJ45
43"	QM43C_IR LH43QMCEBGCXKR	3840 x 2160 (500 nit)	4,000:1	Non-Glare	IR 10 Point / 8ms (Typ.)	1008 x 596.4 x 50 / 200 × 200	
50"	QM50C_IR LH50QMCEBGCXKR	3840 x 2160 (500 nit)	4,000:1	Non-Glare	IR 10 Point / 8ms (Typ.)	1173 x 686.3 x 50 / 200 × 200	
55"	QM55C_IR LH55QMCEBGCXKR	3840 x 2160 (500 nit)	4,000:1	Non-Glare	IR 10 Point / 8ms (Typ.)	1279 x 751 x 50 / 200 × 200	
65"	QM65C_IR LH65QMCEBGCXKR	3840 x 2160 (500 nit)	4,000:1	Non-Glare	IR 10 Point / 8ms (Typ.)	1496.4 x 871 x 50 / 400 × 300	
75"	QM75C_IR LH75QMCEBGCXKR	3840 x 2160 (500 nit)	4,000:1	Non-Glare	IR 10 Point / 8ms (Typ.)	1718 x 994 x 60 / 400 × 400	
85"	QM85C_IR LH85QMCEBGCXKR	3840 x 2160 (500 nit)	4,000:1	Non-Glare	IR 10 Point / 8ms (Typ.)	1946.2 x 1125 x 60 / 600 × 400	HDMI(2), USB(1), RS232, RJ45
98"	QM98T_IR LH98QMTBPGCXKR	3840 x 2160 (500 nit)	1,200:1	Non-Glare	IR 10 Point / 8ms (Typ.)	2228 x 1284 x 112.1 / 800 × 400	

Product Specifications (QH-IR SERIES)

Inch	Model	Resolution (Brightness)	Contrast Ratio	Haze	Touch Type / Response Time	Size (W × H × D, mm)	Input Ports
43"	QH43C_IR LH43QHCEBGCXKR	3840 x 2160 (700 nit)	4,000:1	Non-Glare	IR 10 Point / 8ms (Typ.)	1008 x 596.4 x 50 / 200 × 200	HDMI(3), USB(1), RS232, RJ45
50"	QH50C_IR LH50QHCEBGCXKR	3840 x 2160 (700 nit)	4,000:1	Non-Glare	IR 10 Point / 8ms (Typ.)	1173 x 686.3 x 50 / 200 × 200	
55"	QH55C_IR LH55QHCEBGCXKR	3840 x 2160 (700 nit)	4,000:1	Non-Glare	IR 10 Point / 8ms (Typ.)	1279 x 751 x 50 / 200 × 200	
65"	QH65C_IR LH65QHCEBGCXKR	3840 x 2160 (700 nit)	4,000:1	Non-Glare	IR 10 Point / 8ms (Typ.)	1496.4 x 871 x 50 / 400 × 300	
75"	QH75C_IR LH75QHCEBGCXKR	3840 x 2160 (700 nit)	4,000:1	Non-Glare	IR 10 Point / 8ms (Typ.)	1718 x 994 x 60 / 400 × 400	

LIGHT WEIGHT MULTI VISION SERIES

Exceptional durability with ultra-slim bezel lightweight multi-vision.

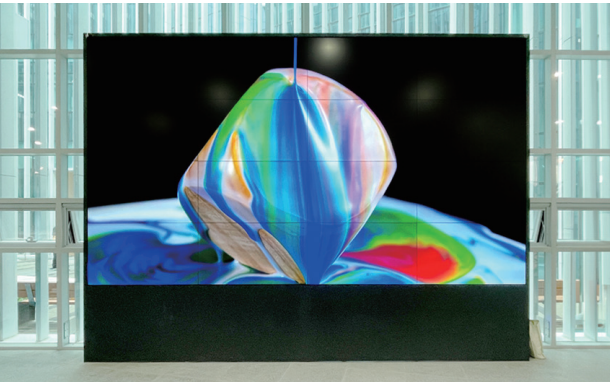
Using materials such as ABS plastic, this multi-vision is lighter and safer for installation while boasting excellent durability compared to conventional products.

Lightweight Slim Frame Model
The weight has been reduced by about 30% compared to conventional products, allowing for safe installation with reduced frame load.

ABS Material Application
The ABS plastic, which is strong against impact, is used for the outer frame, making it lighter and easier to install, while also improving the product's durability.



■ Lightweight Multi Vision Reference



Sejong Special Education Center (VW550R-5LW)
4 rows × 4 columns 16 units



ESTEEO company (VW550E-7LW)
1 row × 9 columns 9 units



Nonghyup Hanaro Mart (VW550R-5LW)
4 rows × 4 columns 16 units



Hyundai Outlet (VW550R-7LW)
2 rows × 2 columns 4 units



■ Product Specifications (Bezel 2.6mm)

Inch	55" (Extreme Narrow Bezel)	
Model	VW550E-5LW	VW550E-7LW
Bezel	2.6 mm	2.6 mm
Brightness	500 nit	700 nit
Contrast Ratio	1,000:1	1,000:1
Weight	19.6 kg	19.7 kg
Dimensions (mm) W × H × D	1212.2 x 683 x 92.5	1212.2 x 683 x 92.5
Resolution	1920 x 1080 (FHD)	1920 x 1080 (FHD)
Mounting Size (mm)	600 × 400	600 × 400
Input Terminal	HDMI × 2, DP IN × 1, RS232 IN × 1, IR IN × 1	
Output Terminal	DP OUT × 1, RS232 OUT × 1	
PC (Optional)	Intel i3 Processor, RAM 8GB, SSD 128GB / Windows 10 Pro or above (PC mounting may vary based on specifications.)	







■ Product Specifications (Bezel 0.88mm)

Inch	55" (Razor Narrow Bezel)	
Model	VW550R-5LW	VW550R-7LW
Bezel	0.88 mm	0.88 mm
Brightness	500 nit	700 nit
Contrast Ratio	1,100:1	1,100:1
Weight	18.5 kg	18.1 kg
Dimensions (mm) W × H × D	1210.51 x 681.22 x 92.4	1210.51 x 681.22 x 92.4
Resolution	1920 x 1080 (FHD)	1920 x 1080 (FHD)
Mounting Size (mm)	600 × 400	600 × 400
Input Terminal	HDMI × 2, DP IN × 1, RS232 IN × 1, IR IN × 1	
Output Terminal	DP OUT × 1, RS232 OUT × 1	
PC (Optional)	Intel i3 Processor, RAM 8GB, SSD 128GB / Windows 10 Pro or above (PC mounting may vary based on specifications.)	

OD550 SERIES

Outdoor signage with outstanding durability and superior brightness, featuring a center-type screen

With IP 45-rated water, dust, and moisture resistance, this signage protects against extreme environmental conditions such as rain, snow, dust, and sunlight, while maintaining durability and high-quality display. It is ideal for outdoor advertising, information displays, and other public-facing content.

-  **Applied with High-Brightness Displays**
Optimized for outdoor environments, offering a brightness level of 2,500 nits, ensuring excellent visibility even in direct sunlight.
-  **IP 45-Certified Protection**
Protects from external elements like water, dust, and moisture, ensuring safe operation in harsh environments.
-  **Automatic Temperature Control System**
The signage includes a cooling system with sensors that maintain the internal temperature, automatically adjusting as necessary.
-  **Convenient Front Access for Maintenance**
The front door allows easy access for repairs, making it simple to manage and maintain the system.






■ Product Specifications

Inch	55"			
Type	Outdoor Stand Type		Outdoor Wall-Mount Type	
Model	ODS550P	ODS550PT	ODW550P	ODW550PT
Resolution	1,920 x 1,080 (FHD)		1,920 x 1,080 (FHD)	
Brightness	2,500 nit		2,500 nit	
Contrast Ratio	4,000:1		4,000:1	
Touch Type	N/A	PCAP Touch (10 Point)	N/A	PCAP Touch (10 Point)
Dimensions (W × H × D)	860 x 1970 x 500		1410 × 1023.8 × 270	
System	Intel i3 7th Gen / 8GB RAM / SSD 120GB / Windows 10 Pro or higher			
Cooling	Fan 120L/Min DC 12V, Air Flow Control		Fan 120L/Min DC 12V, Air Flow Control	
Glass	UV & IR Glass 5.0T		UV & IR Glass 5.0T	
Temperature Range	-50°C to 150°C (Operating)		-50°C to 150°C (Operating)	
Protection	IP45		IP45	

OD750 SERIES

Optimized design for outdoor use with IP65-rated durability and resistance

With IP 65-certified protection, this signage is suited for outdoor installations in places exposed to extreme environmental conditions such as rain, snow, dust, and high heat. The ultra-high brightness display ensures visibility even in direct sunlight.

-  **Ultra-High Brightness Display**
Offering brightness levels of 3,000 nits, optimized for outdoor environments with superior visibility.
-  **Light Intensity Sensor-Based Auto Brightness Adjustment**
Automatically adjusts brightness according to the surrounding light for optimal viewing.
-  **IP 65-Certified Dust and Waterproof Protection**
Certified for protection against water and dust, providing reliable operation even in harsh outdoor conditions.
-  **Automatic Temperature Control System**
Includes a smart cooling system that automatically adjusts according to the internal temperature.
-  **Convenient Front Access for Maintenance**
The front-access design ensures easy maintenance and repair, reducing downtime.



■ Product Specifications

Inch	75"		
Type	Outdoor Wall-Mount Type	Outdoor Stand Type	
Model	ODW750P	ODS750P	ODS750PT
Resolution	3,840 × 2,160 (4K UHD)	3,840 × 2,160 (4K UHD)	
Brightness	3,000 nit	3,000 nit	
Contrast Ratio	1,200:1	1,200:1	
Touch Type	N/A	N/A	PCAP Touch (10 Point)
Dimensions (W × H × D)	1850 × 1270 × 270	1140 × 2200 × 600	
System	Intel i3 7th Gen / 8GB RAM / SSD 120GB / Windows 10 Pro or higher		
Cooling	Fan 120L/Min DC 12V, Air Flow Control	Fan 120L/Min DC 12V, Air Flow Control	
Glass	UV & IR Glass 5.0T	UV & IR Glass 5.0T	
Temperature Range	-50℃ to 150℃ (Operating)	-50℃ to 150℃ (Operating)	
Protection	IP65	IP65	

THE GALLERY SIGNAGE

Samsung Smart Signage combined with frame aesthetics - Q Series Digital Frame

This Q Series digital frame combines Samsung's superior 4K UHD display technology with elegant picture frames, allowing you to display art and other content seamlessly, from fine art galleries to everyday spaces and exhibitions.



USB Input (U TYPE)

Easily load and play media content via USB storage.



MagicInfo Premium (Optional Network)

Network connection and remote content control via PC available through the network option.



Vibrant Color Expression

10-bit color depth delivers precise color expression and allows you to enjoy highly detailed content reproduction.



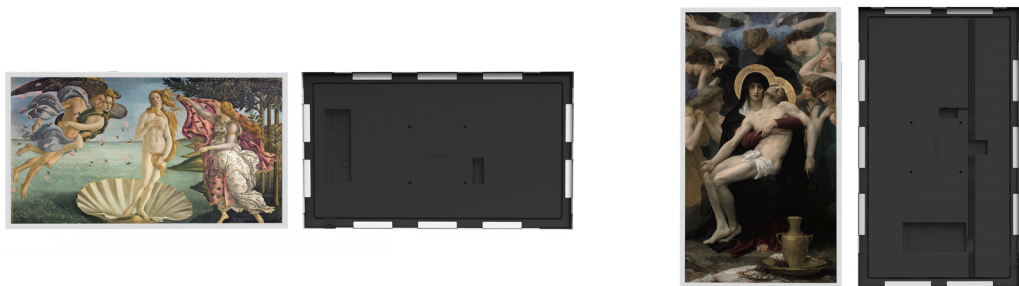
UHD Upscaling

AI-based upscaling technology automatically converts lower-resolution content to high-quality UHD, providing a better viewing experience.



- Famous Artwork Content

We provide 10 collections of digital content, ranging from famous artworks to digital media pieces. The content not only includes the visual works but also provides information about the artist and their creative process, making it an educational tool for art enthusiasts. The content can be automatically updated through Samsung's signage system and displayed in high resolution, creating a more immersive art experience.



■ Product Specifications (QB SERIES)

Inch	43"	50"	55"	65"
Model	QB43F_WTE	QB50F_WTE	QB55F_WTE	QB65F_WTE
	LH43QBCBGCXKR	LH50QBCBGCXKR	LH55QBCBGCXKR	LH65QBCBGCXKR
Frame Color	White	White	White	White
Resolution	3840 × 2160 (4K UHD)			
Brightness	350 nit			
Haze	Glare			
Contrast Ratio	4,000:1			
Input Type	USB Input (default) / NETWORK (optional)			
Input/Output	HDMI × 2, USB × 2, RS232, RJ45			
Size (mm, W×H×D)	978.8 × 567 × 37	1133.3 × 654 × 37	1247.2 × 718 × 37	1466 × 841 × 37
VESA Mount (mm)	200 × 200	200 × 200	200 × 200	400 × 300

■ Product Specifications (QM SERIES)

Inch	32"	43"	50"	55"	65"
Model	QM32F_WTE	QM43F_WTE	QM50F_WTE	QM55F_WTE	QM65F_WTE
	LH32QMCEBGCXKR	LH43QMCEBGCXKR	LH50QMCEBGCXKR	LH55QMCEBGCXKR	LH65QMCEBGCXKR
Frame Color	White	White	White	White	White
Resolution	1920 × 1080 (FHD)	3840 × 2160 (4K UHD)			
Brightness	400 nit	500 nit			
Haze	Glare	Non-Glare			
Contrast Ratio	4,000:1				
Input Type	USB Input (default) / NETWORK (optional)				
Input/Output	HDMI × 2, USB × 2, RS232, RJ45				
Size (mm, W×H×D)	736.6 × 431 × 37	978.8 × 567 × 37	1133.3 × 654 × 37	1247.2 × 718 × 37	1466 × 841 × 37
VESA Mount (mm)	100 × 100	200 × 200	200 × 200	200 × 200	400 × 300





■ Product Specifications (QH SERIES)

Inch	43"	50"	55"	65"
Model	QH43F_WTE	QH50F_WTE	QH55F_WTE	QH65F_WTE
	LH43QHCEBGCXKR	LH50QHCEBGCXKR	LH55QHCEBGCXKR	LH65QHCEBGCXKR
Frame Color	White	White	White	White
Resolution	3840 × 2160 (4K UHD)			
Brightness	700 nit			
Haze	Non-Glare			
Contrast Ratio	4,000:1			
Input Type	USB Input (default) / NETWORK (optional)			
Input/Output	HDMI × 2, USB × 2, RS232, RJ45			
Size (mm, W×H×D)	978.8 × 567 × 37	1133.3 × 654 × 37	1247.2 × 718 × 37	1466 × 841 × 37
VESA Mount (mm)	200 × 200	200 × 200	200 × 200	400 × 300

SAMSUNG SIGNAGE SERIES

Samsung Smart Signage, boasting vibrant picture quality and outstanding durability

Samsung’s signage offers a bezel-less design that blends seamlessly into any space, delivering an impressive visual impact. As the No. 1 brand in the world for business solutions, Samsung, together with its partner SYSMATE, provides optimal products and services tailored to customer environments.

-  **USB Input (U TYPE)**
Easily play content via USB storage.
-  **MagicInfo Premium (Optional Network)**
Enables remote content control through a PC connected to the network.
-  **Playback for more than 16 hours, 7 consecutive days**
Stable operation for over 16 hours of daily playback
-  **UHD Upscaling**
AI-based upscaling technology automatically converts lower-resolution content to UHD quality, enhancing the viewing experience.



Samsung Signage References



SamSung Cancer Hospital (LH43QMCEBGCXKR)



JokBal YasiJang restaurant (QM55C)



Happiness Department (LH55QMCEBGCXKR)



Crocodile Ladies (LH75QMCEBGCXKR)

Product Specifications (QE SERIES)

Inch	Model	Resolution (Brightness)	Contrast Ratio	Haze	Operating Type	Size (W × H × D, mm) / VESA (mm)	Input Ports
43"	QE43T	3840 x 2160 (300 nit)	4,000:1	Glare	USB INPUT (default) / NETWORK (optional)	963.9 x 558.9 x 59.6 / 200 × 200	HDMI(2), USB, RS232, RJ45
	LH43QETELGCXKR						
50"	QE50T	3840 x 2160 (300 nit)	4,000:1	Glare	USB INPUT (default) / NETWORK (optional)	1116.8 x 644.2 x 59.9 / 200 × 200	
	LH50QETELGCXKR						
55"	QE55T	3840 x 2160 (300 nit)	4,000:1	Glare	USB INPUT (default) / NETWORK (optional)	1230.5 x 707.2 x 59.9 / 200 × 200	
	LH55QETELGCXKR						
65"	QE65T	3840 x 2160 (300 nit)	1,200 : 1	Glare	USB INPUT (default) / NETWORK (optional)	1449.4 x 830.3 x 59.9 / 400 × 300	
	LH65QETELGCXKR						
75"	QE75T	3840 x 2160 (300 nit)	1,200 : 1	Glare	USB INPUT (default) / NETWORK (optional)	1673.2 x 958.2 x 59.9 / 400 × 400	
	LH75QETEPGCXKR						

Product Specifications (QB SERIES)

Inch	Model	Resolution (Brightness)	Contrast Ratio	Haze	Operating Type	Size (W × H × D, mm) / VESA (mm)	Input Ports
43"	QB43C	3840 x 2160 (350 nit)	4,000:1	Glare	USB INPUT (default) / NETWORK (optional)	969.5 x 557.8 x 28.5 / 200 × 200	HDMI(3), USB(2), RS232, RJ45
	LH43QBCEBGCXKR						
50"	QB50C	3840 x 2160 (350 nit)	4,000:1	Glare	USB INPUT (default) / NETWORK (optional)	1124.1 x 644.8 x 28.5 / 200 × 200	
	LH50QBCEBGCXKR						
55"	QB55C	3840 x 2160 (350 nit)	4,000:1	Glare	USB INPUT (default) / NETWORK (optional)	1237.9 x 708.8 x 28.5 / 200 × 200	
	LH55QBCEBGCXKR						
65"	QB65C	3840 x 2160 (350 nit)	4,000:1	Glare	USB INPUT (default) / NETWORK (optional)	1456.8 x 831.9 x 28.5 / 400 × 300	
	LH65QBCEBGCXKR						
75"	QB75C	3840 x 2160 (350 nit)	4,000:1	Glare	USB INPUT (default) / NETWORK (optional)	1682.3 x 960.4 x 28.5 / 400 × 400	
	LH75QBCEBGCXKR						
85"	QB85C	3840 x 2160 (350 nit)	4,000:1	Glare	USB INPUT (default) / NETWORK (optional)	1904.3 x 1085.3 x 28.5 / 600 × 400	
	LH85QBCEBGCXKR						

Product Specifications (QM SERIES)

Inch	Model	Resolution (Brightness)	Contrast Ratio	Haze	Operating Type	Size (W × H × D, mm) / VESA (mm)	Input Ports
32"	QM32C	1920 x 1080 (400 nit)	4,000:1	Glare	USB INPUT (default) / NETWORK (optional)	727.3 x 421.9 x 28.5 / 100 × 100	HDMI(3), USB(2), RS232, RJ45
	LH32QMCEBGCXKR						
43"	QM43C	3840 x 2160 (500 nit)	4,000:1	Non-Glare	USB INPUT (default) / NETWORK (optional)	969.5 x 557.8 x 28.5 / 200 × 200	
	LH43QMCEBGCXKR						
50"	QM50C	3840 x 2160 (500 nit)	4,000:1	Non-Glare	USB INPUT (default) / NETWORK (optional)	1124.1 x 644.8 x 28.5 / 200 × 200	
	LH50QMCEBGCXKR						
55"	QM55C	3840 x 2160 (500 nit)	4,000:1	Non-Glare	USB INPUT (default) / NETWORK (optional)	1237.9 x 708.8 x 28.5 / 200 × 200	
	LH55QMCEBGCXKR						
65"	QM65C	3840 x 2160 (500 nit)	4,000:1	Non-Glare	USB INPUT (default) / NETWORK (optional)	1456.8 x 831.9 x 28.5 / 400 × 300	
	LH65QMCEBGCXKR						
75"	QM75C	3840 x 2160 (500 nit)	4,000:1	Non-Glare	USB INPUT (default) / NETWORK (optional)	1682.3 x 960.4 x 28.5 / 400 × 400	
	LH75QMCEBGCXKR						
85"	QM85C	3840 x 2160 (500 nit)	4,000:1	Non-Glare	USB INPUT (default) / NETWORK (optional)	1904.3 x 1085.3 x 28.5 / 600 × 400	
	LH85QMCEBGCXKR						
98"	QM98T	3840 x 2160 (500 nit)	1,200 : 1	Non-Glare	USB INPUT (default) / NETWORK (optional)	2195.8 x 1250.8 x 96.5 / 800 × 400	
	LH98QMTBPGCXKR						

Product Specifications (QH SERIES)

Inch	Model	Resolution (Brightness)	Contrast Ratio	Haze	Operating Type	Size (W × H × D, mm) / VESA (mm)	Input Ports
43"	QH43C	3840 x 2160 (700 nit)	4,000:1	Non-Glare	USB INPUT (default) / NETWORK (optional)	969.5 x 557.8 x 28.5 / 200 × 200	HDMI(3), USB(2), RS232, RJ45
	LH43QHCEBGCXKR						
50"	QH50C	3840 x 2160 (700 nit)	4,000:1	Non-Glare	USB INPUT (default) / NETWORK (optional)	1124.1 x 644.8 x 28.5 / 200 × 200	
	LH50QHCEBGCXKR						
55"	QH55C	3840 x 2160 (700 nit)	4,000:1	Non-Glare	USB INPUT (default) / NETWORK (optional)	1237.9 x 708.8 x 28.5 / 200 × 200	
	LH55QHCEBGCXKR						
65"	QH65C	3840 x 2160 (700 nit)	4,000:1	Non-Glare	USB INPUT (default) / NETWORK (optional)	1456.8 x 831.9 x 28.5 / 400 × 300	
	LH65QHCEBGCXKR						
75"	QH75C	3840 x 2160 (700 nit)	4,000:1	Non-Glare	USB INPUT (default) / NETWORK (optional)	1682.3 x 960.4 x 28.5 / 400 × 400	
	LH75QHCEBGCXKR						

CUSTOM KIOSK MANUFACTURING

Custom kiosk manufacturing involves designing, developing, producing, and installing kiosks optimized to meet customer needs, including design, functionality, installation location, usage environment, and product maintenance. We provide end-to-end solutions, from consulting to final installation, leveraging our 10 years of experience in customized kiosk development and our know-how in advertising and marketing to support customer success.

※ Note: Custom orders can be made for quantities starting from a single unit.

Custom Manufacturing Process

01. Consultation

Assess customer needs and requirements for kiosk functionality and design.



02. Display and Screen Size Selection

Determine the appropriate display type and screen size based on customer needs.



03. Functionality and Usage Selection

Choose the required features such as USB, NETWORK, PC, and TOUCH functions depending on the application.



04. Module and Additional Device Selection

Select additional features such as NFC, barcode readers, receipt printers, and card readers based on customer needs.



05. Final Specification Confirmation and Production

Finalize the product's specifications based on customer requirements and initiate production.



06. Delivery, Installation, and User Training

Once installation is complete, provide training on usage and functionality to ensure smooth operation.



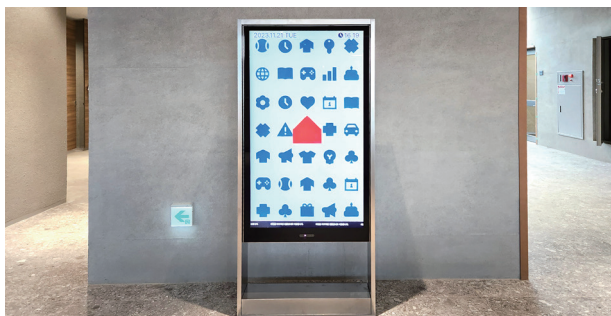
Custom Kiosk References



Korea Financial Institute (Customized barrier-free kiosk, 21.5-inch)



Hyundai Department Store (32-inch interactive digital display)



Kakao Campus (55-inch touch stand kiosk)



National Health Insurance Service (21.5-inch touch stand kiosk)

CUSTOM SOLUTION DEVELOPMENT

We provide user interface and solution development services tailored to unique digital signage and kiosk functions. Custom solutions are created to optimize the layout and functionality to fit customer needs, ensuring continuous maintenance and updating as necessary.

Custom Solution Development Process

01. Customer Requirements Analysis

Collect customer feedback and requirements through meetings and Q&A sessions.



02. Design and Solution Development

Create the layout and UI based on requirements and develop the management system accordingly.



03. Storyboard Creation

Prepare detailed content plans and schedules based on the finalized design.



04. Additional Solution Development

Reflect customer feedback and make any necessary improvements.



05. Customer Feedback

Incorporate customer feedback into the final product and provide operational training.

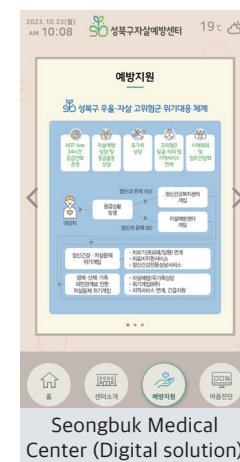


06. Maintenance and Support

Provide continuous maintenance and support to ensure smooth operation of the solution.



Custom Solution References



Seongbuk Medical Center (Digital solution)



Sejong Arts Center (Digital solution)



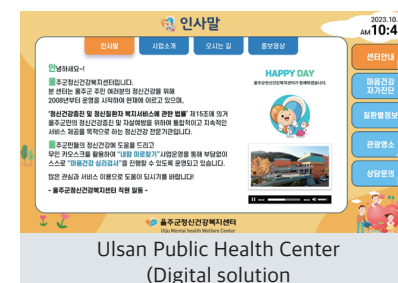
Induk elementary school (Digital solution)



Bukhan Mountain national Park (Digital solution)



Han Dok company (Digital solution)



Ulsan Public Health Center (Digital solution)



DMZ Peace Village Gimpo (Digital solution)



Sungwon University (Digital campus solution)

Digital Signage
Multi Vision & Video Wall
Interactive Whiteboard
Kiosk
LED display
AI Eductaion System
Digital Signage Solution
Education Solution

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