SYSMATE
Business mate, Sysmate

SYSMATE
Corporate & Product Overview

www.sysmate.co.kr

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01

Company Overview

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Display Systems Specialist, SYSMATE

SYSMATE is a display specialist company providing integrated solutions covering design, development, installation, and maintenance of display systems. Based on accumulated technological expertise and extensive project experience, we deliver advanced display solutions tailored to diverse industry environments.

Company Name	SYSMATE Co., Ltd.
CEO	Jong Gyun Jung
Date of Establishment	June 12, 2013
Business Type	Manufacturing, Services, Development, etc.
Business Category	Digital Signage, Multi Vision, LED Display, etc.
Tel / Fax	+82-1833-9009 / +82-02-858-1545
Website (Korean / English)	sysmate.co.kr / eng.sysmate.co.kr
Blog	blog.naver.com/isysmate
Address	5F 119, Gasan digital 1-ro, Geumcheon-gu, Seoul, South Korea (ZIP)08589

Business Areas

SYSMATE operates across the entire spectrum of display equipment, including design, hardware and software development, manufacturing, distribution, and services.

With over a decade of experience and accumulated technological expertise, we deliver display solutions optimized for diverse clients and business environments.

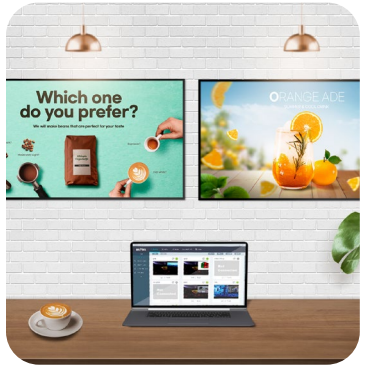
- **Design**
- **R&D**
- **Manufacturing**
- **Service & Maintenance**

Digital Information Display

Multi Vision & Video Wall

LED Indoor Display

LED Outdoor Display



Digital Signage Solution

AI Solution

Company History

2013 ~ 2016

2013
- Incorporation of Sysmate Corporation
- Venture business registration

2014
- Establishment of an affiliated research institute
- ISO9001 Certification of Quality Management System
- LG Electronics Digital Signage Distribution Agreement

2015
- Public Procurement Service Nara Marketplace Image InformationDisplay Device (Signage) Item Contract
- Establishment of its own manufacturing plant
- Toyota, Lexus Signage Supply Agreement

2016
- Certification of Innovative Small and Medium Enterprises (Innoviz)
- Signage supply contract for all floors of Naver's office building
- CE acquires FCC international certification
- Designation of Small and Medium-sized Export Promising Enterprises

2017 ~ 2019

2017
- Acquires Information and Communication Corporation License
- Selection of Seoul-type small and medium-sized enterprises
- Designation of High Seoul Enterprise

2018
- High Seoul Brand Excellence Company
- (Seoul Mayor's Commendation)
- Establishment of manufacturing plant extension
- Signage Solution GS Certification Grade 1Acquisition
- Selection of promising companies (G-PASS) to enter the overseas procurement market

2019
- PPS Nara Marketplace Signage Top Sales for 3 Consecutive Years
- Samsung Life Insurance and Sony Nationwide Pharmacy Signage Supply
- 2019 Venture Start up Promotion Merit Award
- Minister of SMEs and Startups Citation
- Certified Outstanding Venture Company

2020 ~ 2022

2020
- 17th Korea Start up Awards
- Minister of Industry and Energy Citation
- Selected as HR Development and Youth Friendly SME
- Incheon International Airport T1 Renewal Project
- Selected as Credit Guarantee Fund Best Workplace

2021
- 4th Generation Emotional Intelligence Low Power Digital Signage Patent Registration (Patent No. 10-2338632)
- Acquisition of ISO 14001 Environmental Management System Certification
- Acquisition of environmental sign certification (LED display)

2022
- PPS Quality Procurement Product Certification
- Patent Registration for Image Information Display Device (Excluding Patent No. 10-2386056)
- Selected as Seoul Type Excellent Venture SME
- ertified Innovative SME (Inno Biz)

2023 ~

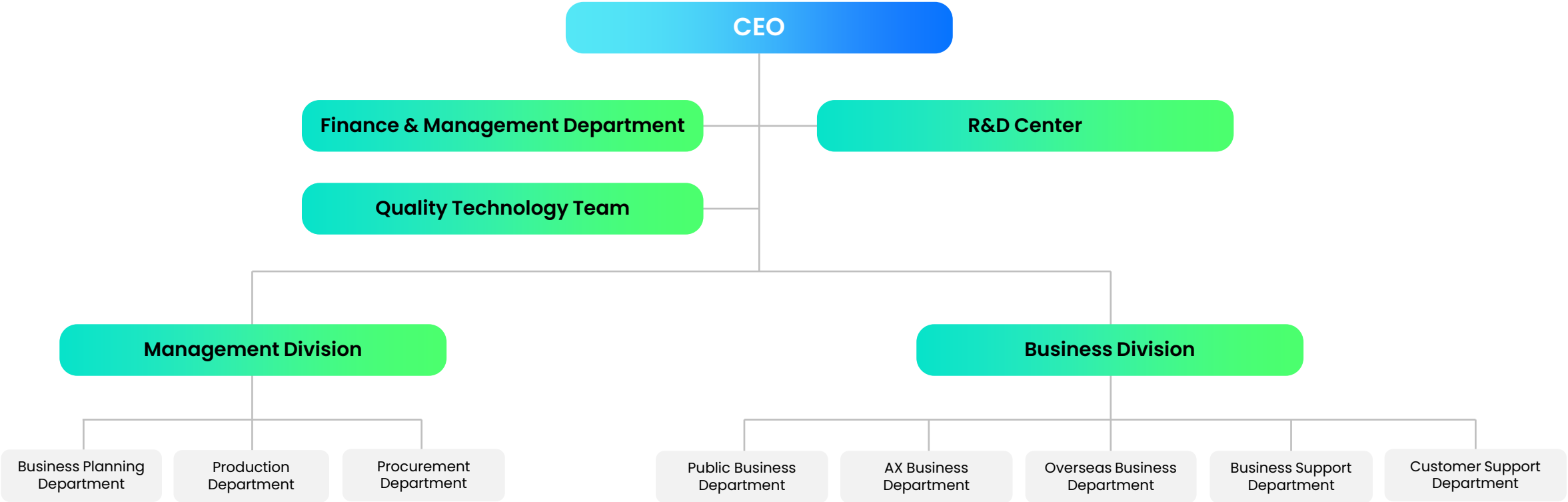
2023
- Quality Certification Q Mark
- Selected as SME in 2023 Ministry of Employment and Labor
- 2023 Outstanding Venture Company Sustainable Growth and Employment
- PPS Nara Marketplace Signage Top Sales for 7 Consecutive Years

2024
- Ministry of Employment and Labor's selection of small and medium-sized enterprises
- Green Technology Acquires Green Technology Product Certification (LED Display)
- 2024 Award for Distinguished Service to Small and Medium Enterprises (Citation of Prime Minister)
- Awarded 2024 Outstanding Venture Company
- Awarded 2025 Youth-Friendly SME (By MOEL & MSS)

2025
- 2025 Youth Employment Leading Company (MOEL & MSS Designation)
- Seoul Work-Life Balance Certified Company
- Quality-Assured Procurement Product (Information Display Board)
- Interior Construction License Acquired

Organizational Structure

SYSMATE's team of specialists directly participates in every stage, including design, development, manufacturing, distribution, service, and maintenance, ensuring a highly integrated and reliable solution system. Based on accumulated expertise and field experience at each stage, we deliver results optimized for project objectives and operational environments.



Patents & Certifications

23 Technology Patents (incl. pending)

Patent No. 10-2386056 and others /
Video Information Display Devices, etc.

9 Design Patents (incl. pending)

Design Registration No. 30-0978793 and others /
Advertising Displays with Integrated Screens, etc.

24 Software Registrations

24 Software Registrations

24 Technical Certifications

Performance Certification for LED Displays, etc. /
Certificate No. 25-BBA0076 and others

Direct Production Certifications (13 Direct Production Certificates)

Video Information
Display Devices

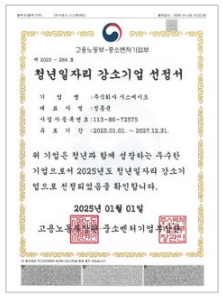
Multimedia Learning
Equipment

Information, Weather &
Traffic Display Boards)

Corporate Certifications & Awards (36 Certifications & Awards)

2024 SME Merit Award
– PM Commendation

Family Friendly
Certification



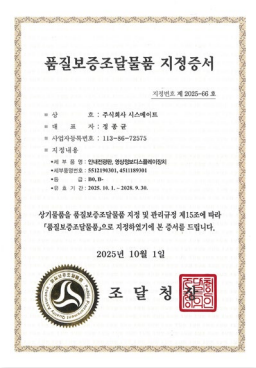
2024 SME Merit Award
– Prime Minister's Citation

Proven Technological Competitiveness through Certified Credentials

Through certifications validated by government agencies and authorized institutions, SYSMATE objectively demonstrates the performance, product quality, and reliability of its technology.

PPS Designated Quality Assured Procurement Products

Officially designated products with verified quality and inspection exemption.

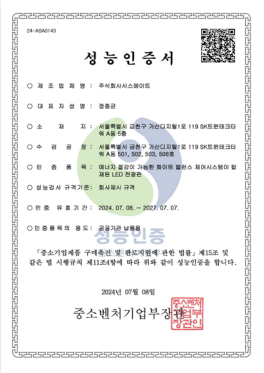


Quality-Assured Procurement Product Certificate

Information Display Boards,
Video Information Display Devices

Performance Certification for LED Display Boards

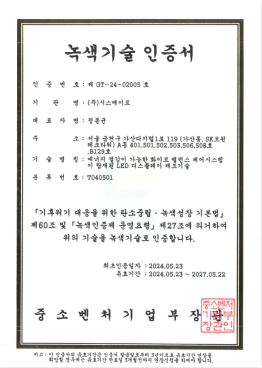
Certified to meet official performance standards with proven quality.



Performance Certification (EPC)

Green Technology Certification for LED Display Boards

Recognized for energy efficient and eco friendly technology.



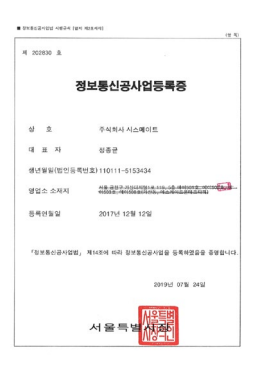
Green Technology Certification

Specialized Construction Licenses & Certifications

Based on specialized construction capabilities and licenses, SYSMATE systematically provides solutions from stable system setup to high-quality construction optimized for spatial environments.

Information & Communication Construction Business

Delivering stable display operating environments based on expertise in network, broadcasting, and communication system construction.

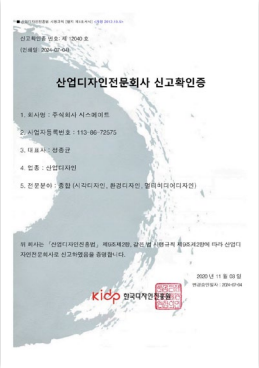


Information & Communication Construction Business Registration

All Information & Communication Related Business

Certified Industrial Design Firm

Delivering high-quality results backed by recognized professional capabilities in industrial design.

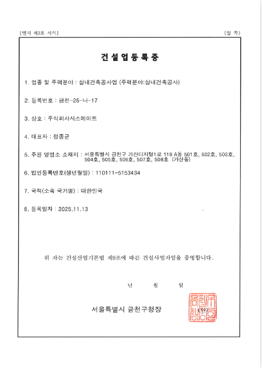


Industrial Design Firm Registration Certificate

All Specialized Industrial Design Fields

Interior Architecture & Construction Business

Creating high-quality spatial environments tailored to structural characteristics that seamlessly integrate with displays.



Construction Business Registration Certificate

All Interior Construction Business Operations

SYSMATE Management Philosophy

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

Competitivity

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

Innovation

With a proactive approach to challenges, we continuously pursue innovation, strengthening our market leadership and positioning ourselves at the forefront of the digital signage industry.

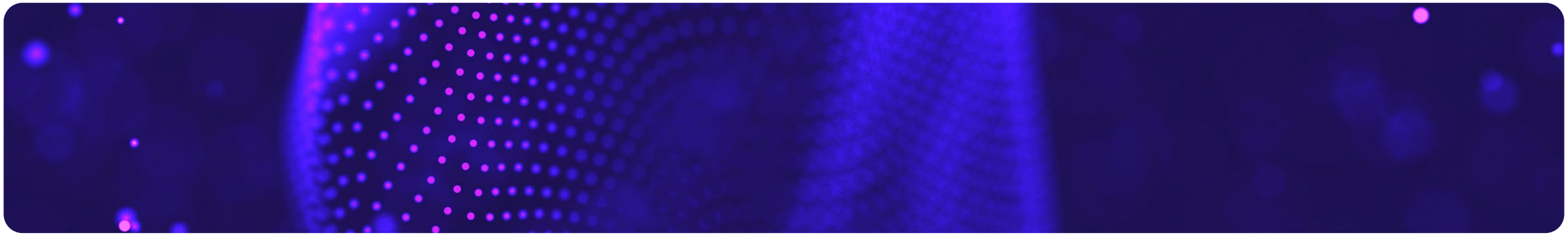
Distinction

Utilizing advanced technology and accumulated know how from years of experience in developing and manufacturing digital signage, we continue to deliver distinctive products that set us apart from the competition.

Persistence

SYSMATE continuously explores new fields and pursues sustainable growth through ongoing research and development, while strengthening its technological capabilities and expanding its market competitiveness.

SYSMATE POD (Point of Difference)



No.1 in Public Procurement Sector

- PPS designated Quality Assured Procurement Product company (Video Information Display Daevices, Digital Signage)
- No.1 market share in video information display devices on KONEPS (Korea ON-line E-Procurement System) for 9 consecutive years
- 10 hardware and 7 solution direct production certificates, 11 professional licenses held

Extensive Project Experience and Certifications

- Over 14,216 Project References Across Public, Education, Corporate, and Retail Sectors
- Proven Track Record in Large-Scale Projects (Nationwide Highway Rest Areas, Incheon International Airport T1 Renewal, Kia Dealership Network)
- Proven Technology and Reliability with 59 Intellectual Properties and Corporate Certifications (INNOBIZ, Hi-Seoul Company, etc.)

Exclusive Professional Customer Service System

- Real-Time Customer Service & Integrated History Management via In-House CRM System
- Specialized Call Support for Product, Service, and Operation Inquiries
- Nationwide Service Network with In-House Engineers and 220+ Authorized Partners
- Over 14,216 Project References Across Public, Education, Corporate, and Retail Sectors

Industry’s Only Fully Integrated Business Model

- One-Stop Integrated Business for Display HW & SW (Development to Service)
- 412 Product Lineups with Customized Installation Expertise
- Comprehensive Quality Control System with Full Inspection of All Products and Materials

Partners

SYSMATE will continue to strengthen partnerships with trusted partners and pursue sustainable growth together with its customers.

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HANDOK · ILDONG 일동제약 · 동아제약 · A TWOSOME PLACE COFFEE & DESSERT · LOTTERIA · CUCKOO · PARADISE CITY · INSPIRE · HANWHA RESORTS · SHILLA STAY · SONO HOTELS & RESORTS

02
Product

Indoor LED Display
Outdoor LED Display
Multi Vision
Stand Type
Single Type
Outdoor Stand Type
Outdoor Wall-Mounted Type
Pivot Stand Type
Digital Notice Board Type
Compact Single Type
AI Human Kiosk
AI Photo Kiosk

INDOOR LED DISPLAY SERIES

Indoor LED displays feature a slim, bezel-free design that enhances the aesthetics of various indoor environments such as seminar rooms, banquet halls, and auditoriums. With customized installation tailored to each space, they create a refined atmosphere while delivering bright and vivid visuals that enhance immersion, making them ideal for effective advertising and promotional content delivery.

Wide Range of Lineups

Various pixel pitch options tailored to different application needs

Customized Design & Installation

Professional installation tailored to each space based on customer requirements

Easy Maintenance

Front-access modular design for quick and convenient maintenance

Energy-Saving LED Technology

Reduced power consumption through cathode circuit design and screen-level energy-saving technology

INDOOR LED DISPLAY SERIES

SMD TYPE

Model	**SYS-L156S-60A2**	**SYS-L187S-60A2**	**SYS-L250S-64A1**
Pixel Pitch	**1.56 mm**	**1.87 mm**	**2.5 mm**
Brightness	600 nit	600 nit	600 nit
LED Type	**SMD**	**SMD**	**SMD**
Cabinet Aspect Ratio	16:9	16:9	4:3
Cabinet Size(mm) WxHxD	600 x 337.5 x 41	600 x 337.5 x 41	640 x 480 x 50
Cabinet Resolution (Pixel)	384 x 216	320 x 180	256 x 192
Cabinet Weight	5.4kg	4.4kg	6.5kg
Cabinet Rated Power Consumption	≤101.3W	≤91.1W	≤105W
Module Size(mm)	150 x 337.5	150 x 337.5	320 x 160
Refresh Rate	3840Hz	3840 Hz	3840 Hz
Operating System(Options)	Controller, Control PC, CMS Software (Optional, upon request)		

INDOOR LED DISPLAY SERIES

GOB TYPE

Model	**SYS-L125G-60A2**	**SYS-L156G-60A2**	**SYS-L187G-60A2**	**SYS-L250G-64A1**
Pixel Pitch	**1.25 mm**	**1.56 mm**	**1.87 mm**	**2.5 mm**
Brightness	600 nit	600 nit	600 nit	600 nit
LED Type	**GOB**	**GOB**	**GOB**	**GOB**
Cabinet Aspect Ratio	16:9	16:9	16:9	4:3
Cabinet Size(mm) WxHxD	600 x 337.5 x 41	600 x 337.5 x 41	600 x 337.5 x 41	640 x 480 x 50
Cabinet Resolution (Pixel)	480 x 270	384 x 216	320 x 180	256 x 192
Cabinet Weight	4.2kg	5.4kg	4.4kg	6.5kg
Cabinet Rated Power Consumption	≤121.5W	≤101.3W	≤91.1W	≤105W
Module Size(mm)	150 x 337.5	150 x 337.5	150 x 337.5	320 x 160
Refresh Rate	3840 Hz	3840 Hz	3840 Hz	3840 Hz
Operating System(Options)	Controller, Control PC, CMS Software (Optional, upon request)			

OUTDOOR LED DISPLAY SERIES

Sysmate Outdoor Weather LED Displays are designed with a waterproof and dustproof structure, ensuring stable operation in outdoor environments.

Equipped with temperature and humidity sensors, they provide real-time weather information, while customized structural installation enables effective delivery of various contents.

Stable All-Season Operation

Ensures reliable and continuous performance under various climatic conditions throughout the year.

Excellent Visibility

Delivers clear and sharp image quality with high brightness over 4,500 nits.

Superior Protection Performance

Protects the product from rain and dust with a waterproof and dustproof design.

Real-Time Temperature & Humidity Monitoring

Provides accurate real-time weather information through high-precision sensors.

INDOOR LED DISPLAY SERIES

SMD TYPE

Model	SYS-L57SO-96A	SYS-L10SO-96A	SYS-L25SO-10A	SYS-L31SO-10A	SYS-L39SO-10A
LED Type	**SMD**	**SMD**	**SMD**	**SMD**	**SMD**
Cabinet Aspect Ratio	**1:1**	**1:1**	**4:3**	**4:3**	**4:3**
Pixel Pitch	**5.7 mm**	**10 mm**	**2.5 mm**	**3.1 mm**	**3.9 mm**
Brightness	6500 nit	6500 nit	4500 nit	4500 nit	4500 nit
Cabinet Size (mm) WxHxD	960 x 960 x 98.2	960 x 960 x 98.2	1000 x 750 x 94	1000 x 750 x 94	1000 x 750 x 94
Cabinet Resolution (Pixel)	168 x 168	96 x 96	400 x 300	320 x 240	256 x 192
Cabinet Weight	28 kg	28 kg	26 kg	26 kg	26 kg
Cabinet Rated Power Consumption	147.5 W	156.7 W	175 W	175 W	175 W
Module Size(mm)	480 x 320	480 x 320	250 x 250	250 x 250	250 x 250
Refresh Rate	3840Hz	3840 Hz	3840 Hz	3840 Hz	3840 Hz
Operating System(Options)	Control PC, CMS Software (Optional, upon request)				

MULTI VISION SERIES

Large-scale multi-display systems can be built in various spaces such as building lobbies, control rooms, auditoriums, and conference rooms, with flexible installation configurations including 2x2, 3x3, and 4x4 layouts optimized for installation space and content aspect ratios.

Bezel-less Design

The slim, near bezel-free design minimizes the gaps between displays, delivering an enhanced and immersive viewing experience.

Flexible Display Configuration

Users can combine displays in various sizes and layouts as desired, enabling effective delivery of advertising and promotional content optimized for different aspect ratios.

MULTI VISION SERIES

Inch	55Inch		55Inch	
Model	**SYS-MWH-55R5A**	**SYS-MWH-55R7A**	**SYS-RNB-5502**	**SYS-RNB-5501**
Bezel/Brightness	**1.8mm / 500 nit**	**1.8mm / 700 nit**	**0.88mm / 500 nit**	**0.88mm / 700 nit**
Dimensions(mm) WxHxD	1210.81 x 681.76 x 113.9		1210.51 x 681.22 x 91.3(91.9)	
Resolution	1,920 x 1,080 (FHD)		1,920 x 1,080 (FHD)	
Vesa(mm)	600 x 400		600 x 400	
Input/Output Ports	VGA x 1, HDMI x 1, DVI x 1, DP x 1, USB x 1, HDMI x 1		HDMI x 3, DP x 1, DP OUTPUT x 1	
Control Interface	RS232 IN x 1, RS232 OUT x 1		RS232 IN x 1, RS232 OUT x 1	
Features	Multi Input/Output (Daisy Chain)		Multi Input/Output (Daisy Chain)	

Inch	55Inch		55Inch	
Model	**Upcoming Model (TBA)**	**Upcoming Model (TBA)**	**SYS-MWH-55E5A**	**SYS-MWH-55E7A**
Bezel/Brightness	**1.7mm / 500 nit**	**1.7mm / 700 nit**	**1.8mm / 500 nit**	**1.8mm / 700 nit**
Dimensions(mm) WxHxD	1211.3 x 682.1 x 112.38		1212.21 x 683.06 x 114.3	
Resolution	3840 x 2160 (4K UHD)		1,920 x 1,080 (FHD)	
Vesa(mm)	555 x 425	555 x 425	600 x 400	
Input/Output Ports	AV Input x 1 (BNC x 1), DVI x 1, HDMI x 1, AV Output x 1 (BNC x 1)		VGA x 1, HDMI x 1, DVI x 1, DP x 1, USB x 1, HDMI x 1	
Control Interface	RS-232 / RJ45 (LAN)		RS232 IN x 1, RS232 OUT x 1	
Features	Multi Input/Output (Daisy Chain)		Multi Input/Output (Daisy Chain)	

SYS-S SERIES

Stand Type

Featuring a slim-bezel stand design with a robust enclosure and bottom-mounted wheels, it ensures easy mobility and effective delivery of advertising and information across various spaces.

USB Input (U TYPE)

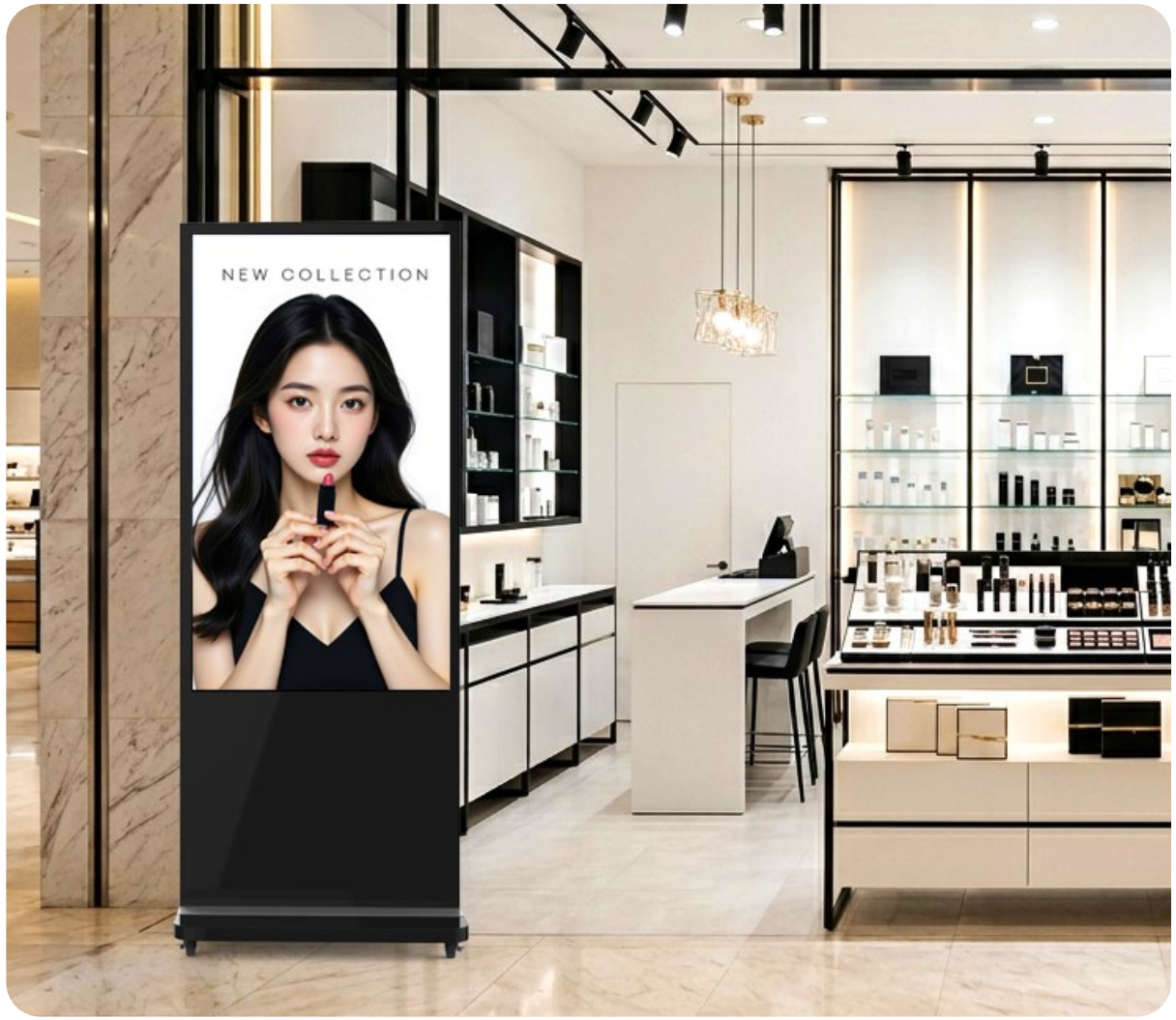
Allows direct playback by connecting USB storage containing media content.

Android Network (N/M TYPE)

Enables content control via USB playback and remote management through an administrator PC.

PC (P TYPE)

Windows OS-based system supporting all standard media file formats.



SYS-S SERIES

Stand Type

Inch	Model	OperatingType	Resolution	Brightness	Dimensions(mm) WxHxD
43	SYS-SSV-43NA	Android	3840 x 2160 4K UHD	500nit	585 x 1903.2 x 498
	SYS-SSV-43PA	PC			
50	SYS-SSV-50NA	Android	3840 x 2160 4K UHD	500nit	691 x 1900.2 x 497.6
	SYS-SSV-50PA	PC			
55	SYS-SSV-55NA	Android	3840 x 2160 4K UHD	500nit	740 x 1900.2 x 497.6
	SYS-SSV-55PA	PC			
65	SYS-SSV-65NA	Android	3840 x 2160 4K UHD	500nit	900 x 1941.2 x 497.6
	SYS-SSV-65PA	PC			
75	SYS-S-750U	USB	3840 x 2160 4K UHD	500nit	1015 x 2090 x 497.6
	SYS-SSV-75NA	Android			
	SYS-SSV-75PA	PC			
86	SYS-S-860U	USB	3840 x 2160 4K UHD	410nit	Landscape: 1940 x 2000 x 900 Portrait: 1157.5 x 2199.5 x 700
	SYS-S-860M	Android			
	SYS-S-860P	PC			

SYS-W SERIES

Single Type

Enables flexible installation across various spaces according to user needs. With a wide lineup ranging from small to large sizes and support for both landscape and portrait modes, it creates a refined visual environment while delivering effective content display in 4K UHD resolution.

USB Input (U TYPE)

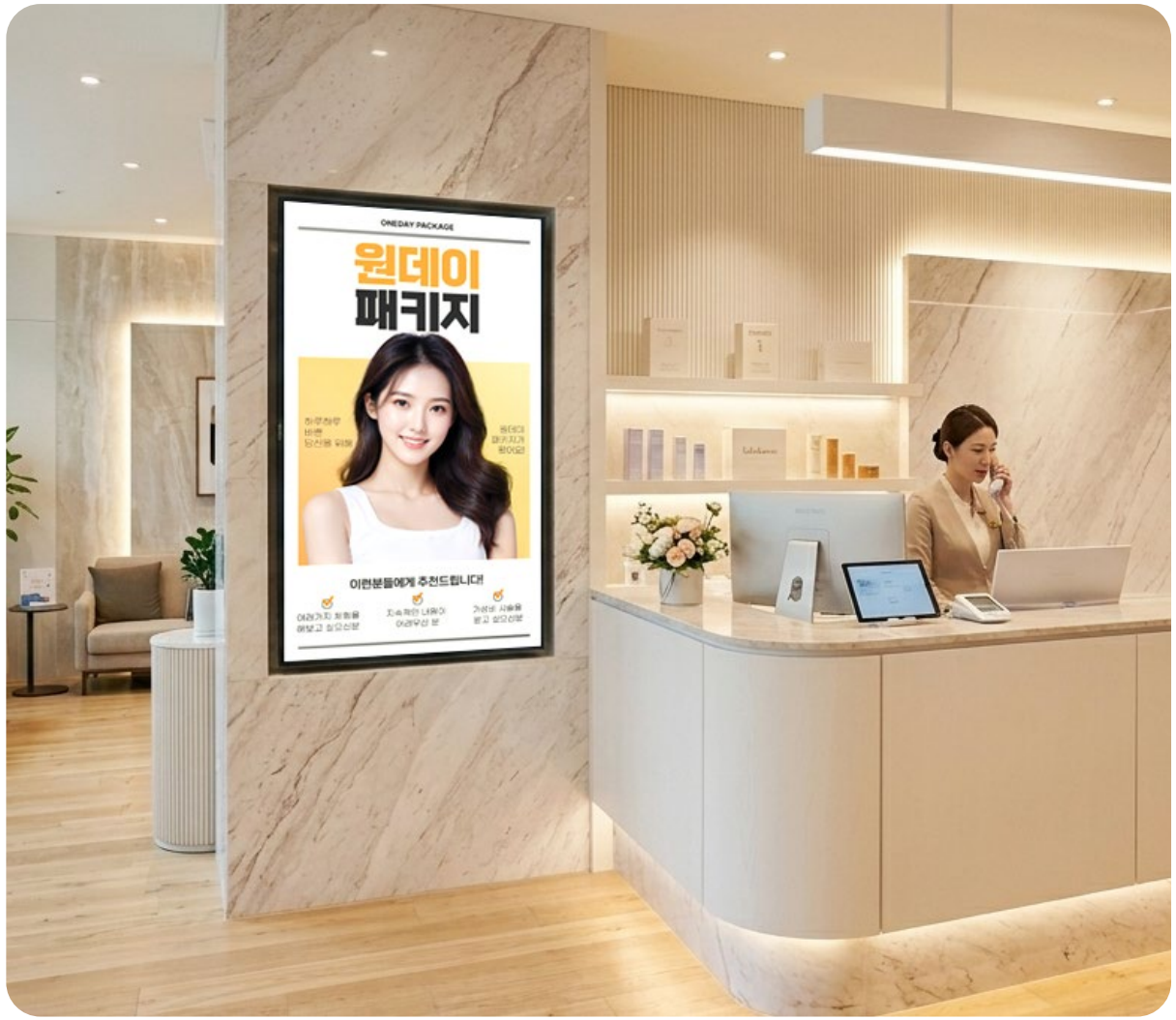
Allows direct playback by connecting USB storage containing media content.

Android Network (N/M TYPE)

Enables content control via USB playback and remote management through an administrator PC.

PC (P TYPE)

Windows OS-based system supporting all standard media file formats.



SYS-W SERIES

Single Type

Inch	Model	OperatingType	Resolution	Brightness	Dimensions(mm) WxHxD
32	SYS-SWH-32NA	Android	1920 x 1080 FHD	500 nit	724.6 x 419.8 x 40
43	SYS-4KW-430U	USB	3840 x 2160 4K UHD	500 nit	1000.6 x 589.6 x 85.6
	SYS-SWH-43NA	Android			967.4 x 555.9 x 40
	SYS-SWH-43PA	PC			967.4 x 555.9 x 84.8
50	SYS-SWH-50NA	Android	3840 x 2160 4K UHD	500 nit	1125.8 x 646.8 x 41.1
	SYS-SWH-50PA	PC			1125.8 x 646.8 x 86.4
55	SYS-4KW-550U	USB	3840 x 2160 4K UHD	500 nit	1258 x 738 x 82.4
	SYS-SWH-55NA	Android			1239.7 x 712.5 x 38.6
	SYS-SWH-55PA	PC			1239.7 x 712.5 x 83.7
65	SYS-W-650U	USB	3840 x 2160 4K UHD	500 nit	1468 x 842.6 x 95.2
	SYS-SWH-65NA	Android			1459.2 x 836.4 x 38.9
	SYS-SWH-65PA	PC			1459.2 x 836.4 x 84.2
75	SYS-W-750U	USB	3840 x 2160 4K UHD	500 nit	1678.6 x 957 x 97.7
	SYS-SWH-75NA	Android			1679 x 957 x 93.2
	SYS-SWH-75PA	PC			1679 x 957 x 114.1
86	SYS-W-860U	USB	3840 x 2160 4K UHD	500 nit	1929.9 x 1100.9 x 102.2
	SYS-W-860M	Android			
	SYS-W-860P	PC			
98	SYS-W-980N	Android	3840 x 2160 4K UHD	500 nit	2206.4 x 1260.9 x 92.2 (128.3 Handle)
	SYS-W-980P	PC			

SYS-ODS-550

Outdoor 55inch Stand Type

Certified with an IP rating from an official authority, this waterproof and dustproof design ensures strong durability even in harsh outdoor environments with heavy dust exposure.

Featuring a high-brightness display, it delivers stable and distortion-free content visibility even under direct sunlight.

Ultra High Brightness Display

Delivers 2,500 nits of high brightness, ensuring clear and distortion-free visibility even under direct sunlight.

Certified IP Protection Rating

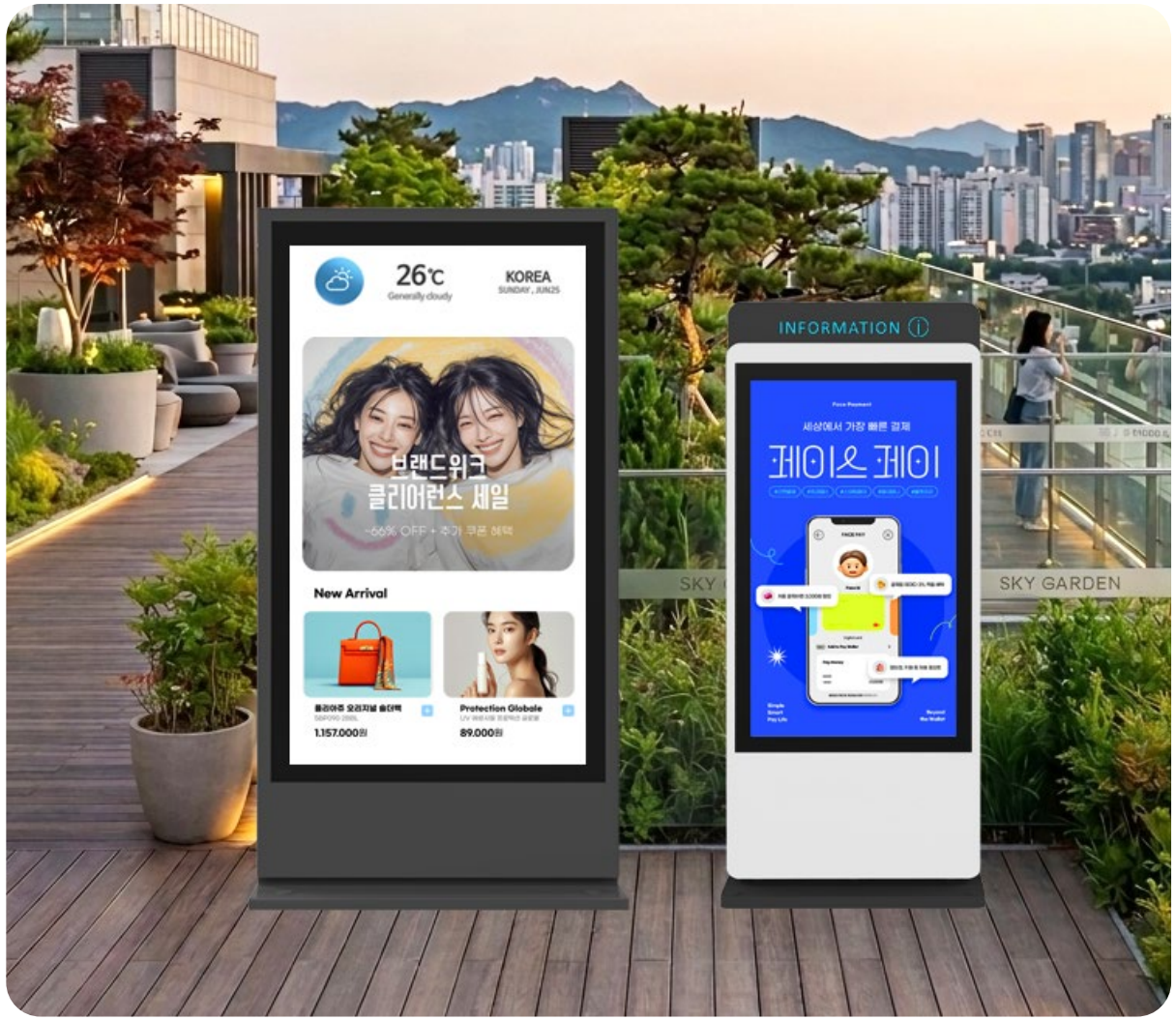
Built with an IP-rated waterproof and dustproof structure certified by an official authority, providing strong durability in outdoor environments.

Automatic Temperature Control System

Ensures stable operation through an intelligent temperature regulation system.

PC (P TYPE)

Windows OS-based system supporting all standard media file formats.



SYS-ODS-550

Outdoor 55inch Stand Type

Model		SYS-ODS-550P
Inch		**55Inch**
Resolution		1,920 x 1,080 (FHD)
Brightness		2,500 nit
IP Rating		**IP45 (Dust & Water Resistant)**
Dimensions(mm) WxHxD		860 x 1970 x 500
Input/Output Ports (Built-in)		HDMI x 2 (Internal ports, not for external display output)
Operating PC		Intel i3 / 8GB RAM / 120GB SSD or higher
Cooling System (Fan-based)	Digital Thermometer	Alarm Function Included (-50°C to 150°C)
	FAN	120mm (12V) / 90mm (12V)
	Power Supply	12V / 8.5A
Mechanical Specs	Tempered Glass	UV & IR GLASS 5.0T
	Filter	Dust Filter (Pre-filter 5.0T)
	Access Door	Front Door Open
Solution		DIDMATE PLAYER v2.2.0 (Network-Based Remote Control Solution)

SYS-ODS-750

Outdoor 75inch Stand Type

Model		**SYS-ODS-750P**
Inch		**75Inch**
Resolution		3,840 x 2,160 (4K UHD)
Brightness		3,000 nit
IP Rating		**IP65 (Dust & Water Resistant)**
Dimensions(mm) WxHxD		1140 x 2200 x 600
Input/Output Ports (Built-in)		HDMI IN x 3, DP IN x 1, DP OUT x 1 (Internal ports, not for external display output)
Operating PC		Intel i3 / RAM 8GB / SSD 120GB or higher
Cooling System (Fan-based)	Digital Thermometer	Alarm Function Included (-50°C to 150°C)
	FAN	120mm (12V) / 90mm (12V)
	Power Supply	12V / 8.5A
Mechanical Specs	Tempered Glass	UV & IR GLASS 5.0T
	Filter	Dust Filter (Pre-filter 5.0T)
	Access Door	Front Door Open
Solution		DIDMATE PLAYER v2.2.0 (Network-Based Remote Control Solution)

SYS-ODW SERIES

Outdoor Wall-Mounted Type

Designed with IP-rated waterproof and dustproof protection and reinforced tempered glass for enhanced durability.

Featuring a high-brightness display, it delivers clear and distortion-free image quality even under direct sunlight, making it ideal for outdoor advertising and campaign content delivery.

Ultra High Brightness Display

Delivers over 2,500 nits of brightness, ensuring clear and vivid image quality even under direct sunlight.

Certified IP Protection Rating

Built with an IP-rated waterproof and dustproof structure certified by an official authority, providing strong durability in outdoor environments.

Automatic Temperature Control System

Ensures stable operation through an intelligent temperature regulation system.

PC (P TYPE)

Windows OS-based system supporting all standard media file formats.

SYS-ODW SERIES

Outdoor Wall-Mounted Type

Model		SYS-ODW-550P	SYS-ODW-750P
Inch		**55Inch**	**75Inch**
Resolution		1,920 x 1,080 (FHD)	3,840 x 2,160 (4K UHD)
Brightness		2,500 nit	3,000 nit
IP Rating		**IP 45 (Dust & Water Resistant)**	**IP 65 (Dust & Water Resistant)**
Dimensions(mm) WxHxD		1410 x 1023.8 x 270	1850 x 1270 x 270
Input/Output Ports (Built-in))		HDMI x 2 (Internal ports, not for external display output)	HDMI x 3, DP IN x 1, DP OUT x 1 (Internal ports, not for external display output)
Operating PC		Intel i3 / RAM 8GB / SSD 120GB or higher	
Cooling System (Fan-based)	Digital Thermometer	Alarm Function Included (-50°C to 150°C)	
	FAN	120mm (12V) / 90mm (12V)	
	Power Supply	12V / 8.5A	
Mechanical Specs	Tempered Glass	UV & IR GLASS 5.0T	
	Filter	Dust Filter (Pre-filter 5.0T)	
	Access Door	Front Door Open	
Solution		DIDMATE PLAYER v2.2.0 (Network-Based Remote Control Solution)	

PIVOT STAND SIGNAGE

Pivot Stand Type

Supports seamless screen switching between landscape and portrait content layouts, and features bottom-mounted wheels for easy mobility without spatial installation constraints.

Android Network (N TYPE)

Enables USB playback and remote content control via an administrator PC.

PC (P TYPE)

Windows OS-based system supporting all standard media file formats.

Touch Screen (PT TYPE)

Equipped with optional infrared (IR) touch functionality, allowing use as an interactive touchscreen kiosk.

PIVOT STAND SERIES

Pivot Stand Type

Model	DS-SP-55NA	DS-SP-55PA	DS-SP-55PTA
Operating Type	**Android**	**PC**	**PC+TOUCH**
Inch	55Inch	55Inch	55Inch
Brightness	500 nit	500 nit	500 nit
Resolution	3,840 x 2,160 (4K UHD)	3,840 x 2,160 (4K UHD)	3,840 x 2,160 (4K UHD)
Resolution	1,000:1	1,000:1	1,000:1
Resolution	N/A	N/A	IR Touch (10~20 Point)
Input/Output Ports	USB x 1	USB x 2, RJ45	USB x 2, RJ45
Solution	Network Remote Control Solution (Available upon request)		
Dimensions(mm) WxHxD	Landscape: 1239.7 x 1722 x 500 Portrait: 712.2 x 1987 x 500	Landscape: 1239.7 x 1722 x 500 Portrait: 712.2 x 1987 x 500	Landscape: 1275.6 x 1741 x 500 Portrait: 748 x 2005 x 500

SYS-K SERIES

Digital Notice Board Type

Designed as a kiosk-style electronic notice board optimized for user eye level, it effectively delivers various advertising and informational content such as digital newspapers, library information, and user guides.

Ergonomic Design

Designed with an optimized viewing angle to ensure high readability and comfortable user experience.

PC (P TYPE)

Windows OS-based system supporting all standard media file formats.

SYS-K SERIES

Digital Notice Board Type

Inch	43Inch	50Inch
Model	**SYS-SSH-43PA**	**SYS-SSH-50PA**
Operating Type	**PC**	**PC**
Resolution	3840 x 2160 (4K UHD)	3840 x 2160 (4K UHD)
Brightness	500 nit	500 nit
Contrast Ratio	4000:1	1200:1
Input/Output Ports	USB x 2, RJ45 x 1	USB x 2, RJ45 x 1
CPU	Intel Core i5 (12th Gen or higher)	Intel Core i5 (12th Gen or higher)
Memory / Storage	16GB / 256GB or higher	16GB / 256GB or higher
O/S	Windows 11 Pro or higher	Windows 11 Pro or higher
Dimensions(mm) WxHxD	1020 x 1389 x 600	1020 x 1389 x 600
Solution	EasyCMS(Windows) (Network-Based Remote Control Solution)	

SYS-W SERIES

Compact Single Type

Designed in a small form factor, it delivers effective information display even in limited spaces.

With a wallmounted design that allows close installation against the wall, it ensures stable mounting and enhanced aesthetic appeal.

USB Input (U TYPE)

Allows direct playback by connecting USB storage containing media content.

Android Network (N TYPE)

Enables USB playback and remote content control via an administrator PC.

SYS-W SERIES

Compact Single Type

Inch	27Inch	
Model	**SYS-W-271U**	**SYS-W-271N**
Operating Type	**USB**	**Android**
Resolution	1920 x 1080 (FHD)	1920 x 1080 (FHD)
Brightness	300 nit	300 nit
Contrast Ratio	1000:1	1000:1
Viewing Angle	178°/178°	178°/178°
Weight	12Kg (± 5)	12Kg (± 5)
Dimensions(mm) WxHxD	649.6 x 388 x 47	649.6 x 388 x 47
Input/Output Ports (Built-in)	USB, HDMI (Internal ports, not for external display output)	

AI HUMAN KIOSK

A kiosk equipped with a lifelike AI avatar provides unattended guidance services in exhibitions and various environments.

It supports 175 languages and automatically recognizes the user's language, enabling natural interaction.

This enhances immersion and user experience in global environments.

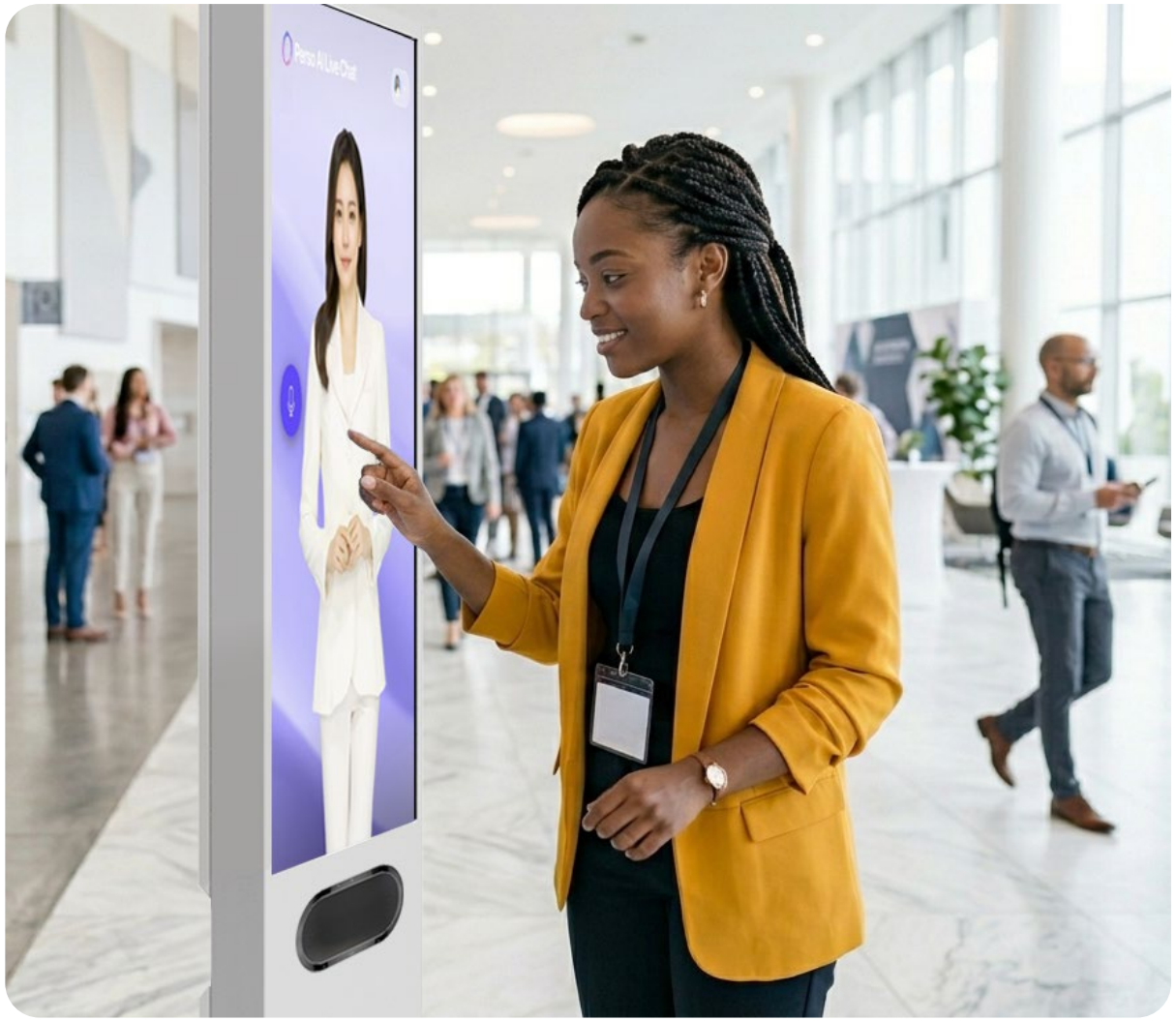
AI Live Chat Solution

AI Avatar Based Smart Guidance Kiosk

Equipped with a high performance display and integrated audio system, it delivers vivid visuals and clear sound simultaneously.

This enables natural and immersive interactions that closely resemble real conversations.

With over 100 AI avatars representing diverse ethnicities, it provides enhanced immersion and user experience in global environments.



AI HUMAN KIOSK

AI Live Chat Solution

Inch		**43Inch**
Model		**Upcoming Model (TBA)**
Solution	Solution Name	**AI Live Chat Solution)**
	Content Included	100+ AI avatars representing diverse ethnicities
		Real time translation and conversation in 175 languages
Resolution		3840 x 2160 (4K UHD)
Brightness		500 nit
Dimensions(mm) WxHxD		585 x 1951 x 498
Touch Specifications		PCAP Touch (10 Point)
OperatingPC		MAC MINI / RAM 16GB / SSD 256GB
Module Components		Equipped with an integrated speaker and microphone system, along with a built-in camera.
Additional Features		Avatar Type Configuration
		Additional Information Content Configuration

AI PHOTO KIOSK

An AI-powered photo compositing solution that generates new images by applying various backgrounds and styles based on user-captured photos.

With a simple shooting process, it delivers high-quality results, making it ideal for marketing, events, and interactive experiential content across diverse environments.

Pose On Solution

AI Photo Compositing Solution

AI compositing is performed instantly after photo capture without any complex process, providing an intuitive interface that is easy for anyone to use. Its fast processing speed ensures smooth operation even in on-site environments.

With multi-language support, it allows both domestic and international users to use it conveniently, making it highly suitable for deployment in global environments.

AI PHOTO KIOSK

Pose On Solution

Inch		**43Inch**
Model		**SYS-PHK-430A-PT**
Resolution		3840 x 2160 (4K UHD)
Brightness		500 nit
Dimensions(mm) WxHxD		780 x 1900 x 620
Touch Specifications		P-CAP Touch 10Point Multi - touch (<10m/s)
Camera		4 MP IP Camera
		Image sensor: 1/2-inch CMOS (48 MP) / supports up to 4K@30fps & 1080p@60fps
		AI Auto Framing: Automatically adjusts framing and focus based on the user's position when alone or with multiple people
Photo Printer	Printing Resolution (dpi)	300 x 300 dpi (High speed mode) / 300 x 600 dpi (High resolution mode)
	Supported Print Size	4 x 6 in (700 prints/roll), 5 x 7 in (400 prints/roll), 6 x 8 in (350 prints/roll)
Payment		Manual insertion card reader, supports IC, MS, and RF cards
Keypad (For Barrier Free)		Physical numeric keypad with navigation buttons (Up/Down/Left/Right, Confirm)
Earphone (For Barrier Free)		Standard 3.5mm earphone jack provided (for voice guidance)
Base Type (Selectable)		Fixed Stand / Caster Stand

03
Solution

Display Solution

DISPLAY SOLUTION

Integrated Content Management Solution for Digital Signage

You can easily upload display content for digital signage products and conveniently manage it anytime, anywhere.

Our solution enables effective management and distribution of advertisements, promotions, and various informational content across multiple types of displays.

Content & Playlist Management

Upload images, videos, PPTs, and manage playback order with ease.

Real-time news subtitle delivery using RSS functionality

Through subtitle settings, various announcements or notices can be displayed in real time along with the content.

Efficient signage operation through player registration

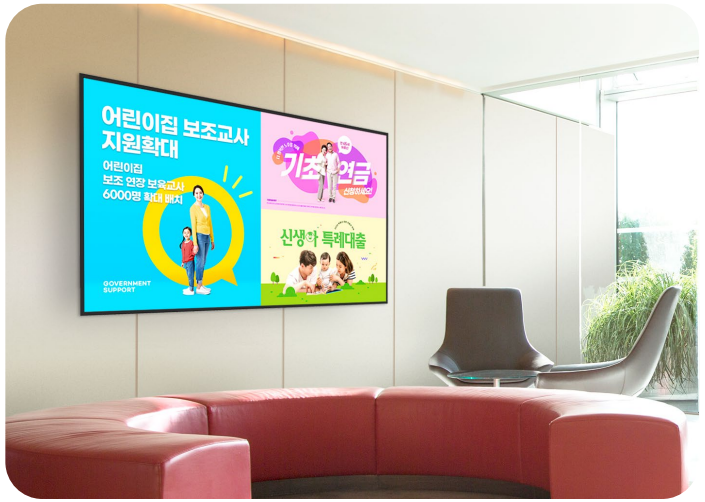
You can register multiple devices to a player for batch control, including group management and automatic power-off settings.

Freedom to Choose Your Operating System

Supports both Windows and Android platforms for the optimal display solution tailored to your environment.

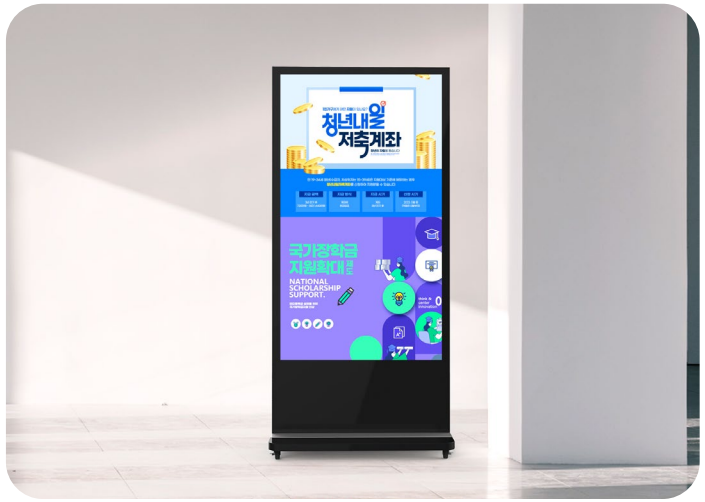
Content can be flexibly divided on the screen depending on the display type.

Content can be freely played using single or multiple screen divisions in horizontal, vertical, or irregular layouts, depending on the installed display device type. Users can utilize the default horizontal and vertical screen division layouts provided, or customize and edit content by desired regions to create their own page layouts.



Example of horizontal split

(3 divided sections)



Example of vertical split

(2 divided sections)

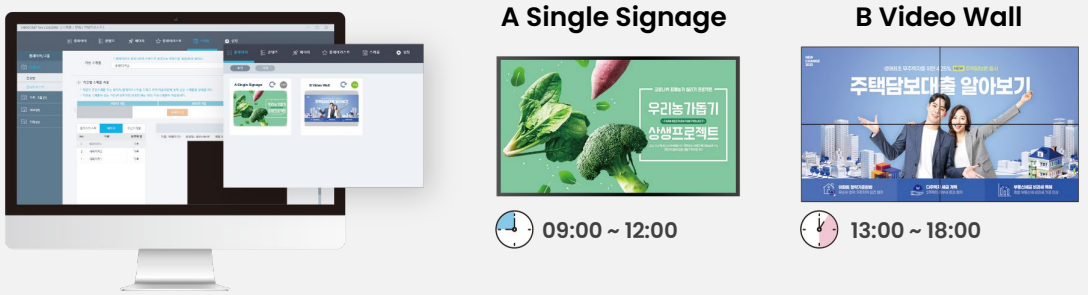
Example of irregular split

(4 divided sections)

Efficient signage operation through player registration

Sysmate's display solution allows multiple devices to be registered to a single player, enabling efficient operation through batch control features such as group management and automatic power-off settings.

In addition, content playback can be scheduled by specific dates, days of the week, or time slots. Separate schedules can also be set for each installed display device, allowing for more effective content delivery.

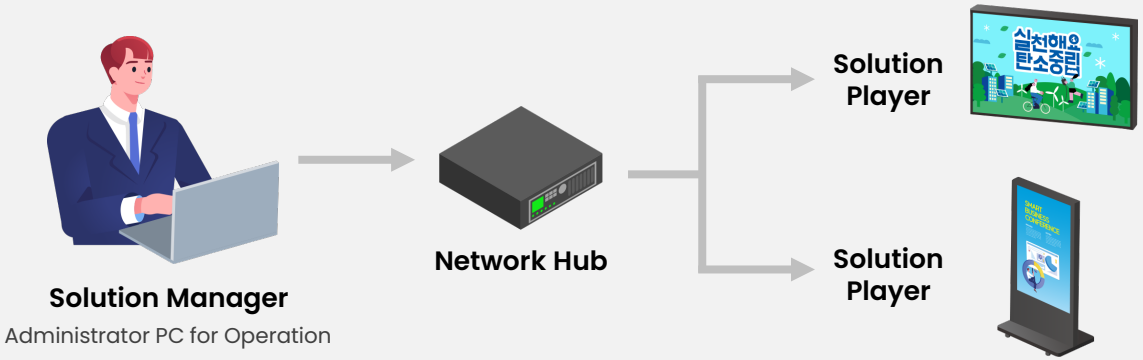


Display Solution System Configuration

Using the display solution, you can effectively manage and deliver advertising, promotional, and informational content across multiple types of displays.

The Solution Manager is installed on the administrator's PC to manage and control players and content, while the Solution Player is installed on each display PC to play the content configured by the Manager.

* Up to 10 devices can be registered to a single player.



04

Custom Development

Custom Kiosk Manufacturing

Custom Solution Development

CUSTOM KIOSK MANUFACTURING

Custom kiosk manufacturing covers design to installation tailored to customer needs. With over 10 years of experience, we deliver end to end solutions supporting 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
Select functions such as USB, network, PC, and touch as needed.

04. Module and Additional Device Selection
Select features such as NFC, barcode, receipt printer, and card reader as needed.

05. Final Specs Confirmation and Production
Finalize specifications based on requirements and begin production.

06. Delivery, Installation, and User Training
Provide training on usage and functions after installation for smooth operation.

T-Station
32Inch / Touch stand kiosk

Lotte Rent a Car
43Inch / Touch stand kiosk

Korea Development Bank
55Inch / Touch stand kiosk

Samcheok Hujin Beach
75Inch / Interactive digital display

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

Design the layout and UI and develop the management system based on requirements.

03. Storyboard Creation

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

04. Additional Solution Development

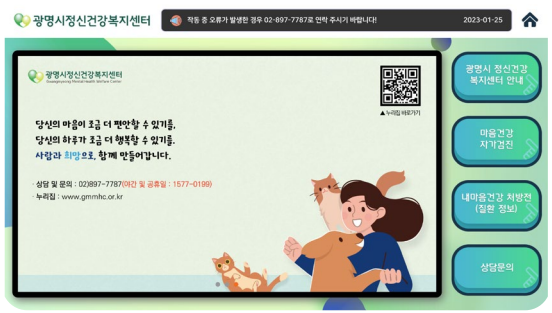
Reflect customer feedback and make any necessary improvements.

05. Customer Feedback

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

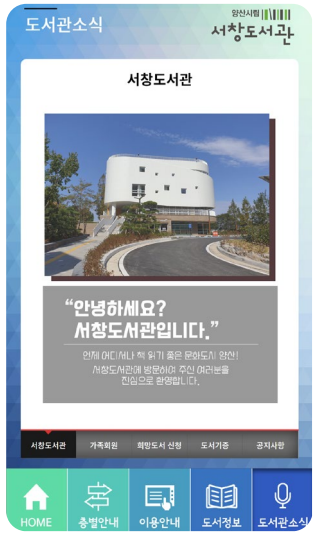
06. Maintenance and Support

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

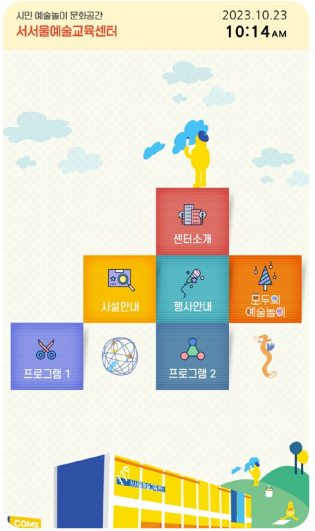


Gwangmyeong Mental Health Center

Yongdang Elementary School



Seochang Library in Yangsan City



Seoul Arts Education Center

Chungbuk Science Education Institute

05
Reference

Project References
Key Installation Cases

Incheon International Airport T1

As part of the Terminal 1 renewal project, digital signage was installed in the departure hall and arrival welcome hall to deliver various airport information such as facility details and wayfinding in a fast and intuitive manner.

This enhances passenger convenience, reduces congestion, and improves both operational stability and management efficiency through an effective information delivery system.

Installation Site

Incheon International Airport T1 Gate 4 Departure Hall East and West

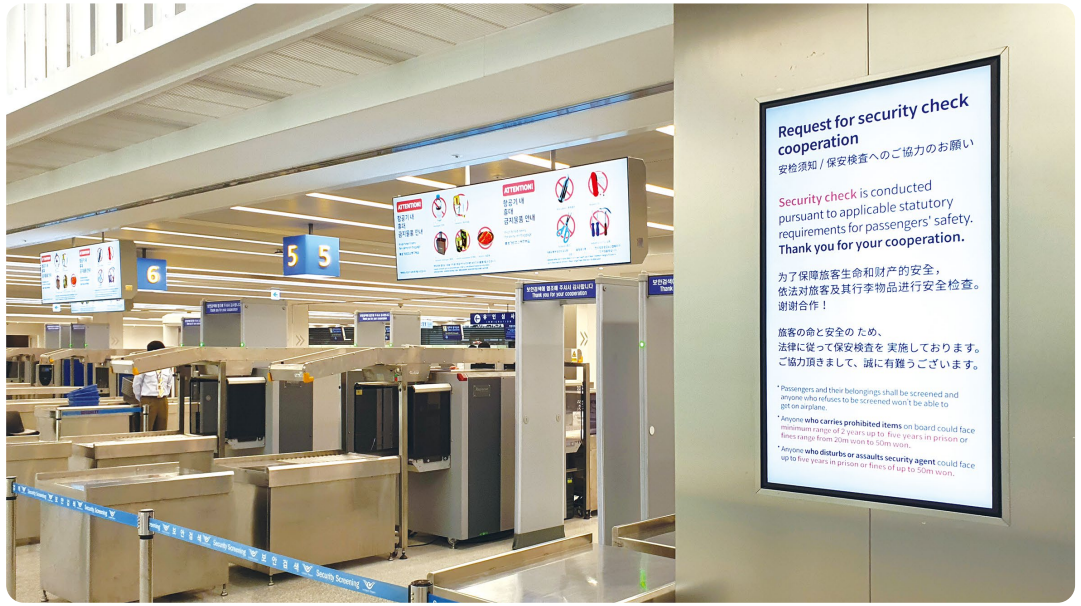
Incheon International Airport T1 Gate 2 Departure Hall

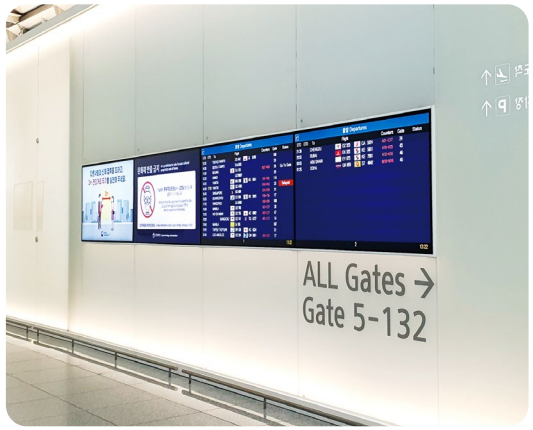
Installed Product

75 inch Single Signage / 55 inch Single Signage and Customized Product

Installation Highlights

- Installed digital signage in key areas such as the departure hall and arrival welcome hall to enable fast and intuitive delivery of airport information
- Enhances passenger convenience and reduces congestion while improving operational efficiency through an optimized information delivery system





Shinsegae Department Store Centum City

A premium digital media environment was created by installing LED display systems composed of a media wall and media poles.

High resolution visual content enhances spatial immersion while effectively delivering brand messaging and promotional content.

Specifications

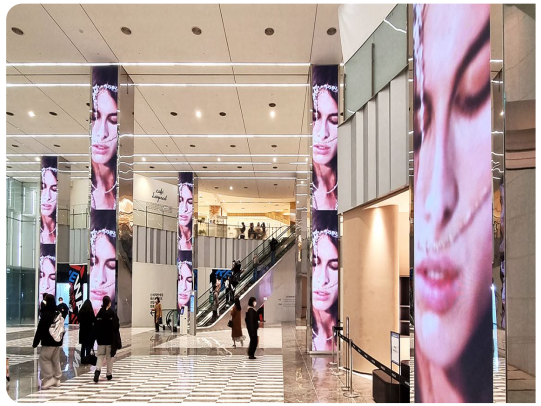
Pixel Pitch P2.5mm / Brightness 1,000nit

Screen Size

Media Wall: 12.48 x 5.28m / Media Poles: 0.96 x 8.16m 6set

Installation Highlights

- Installed as media wall and media pole formats optimized for the site through prior consultation with professional design engineers
- Delivers department store promotional and various media content in ultra high definition 4K UHD resolution



Korea South East Power Headquarters PR Exhibition Hall

LED displays were installed across both walls and ceiling to create an immersive environment where the entire space functions as a single media experience.

GOB packaging was applied to ensure durability and stable performance in environments with heavy visitor traffic and varying lighting conditions.

Specifications

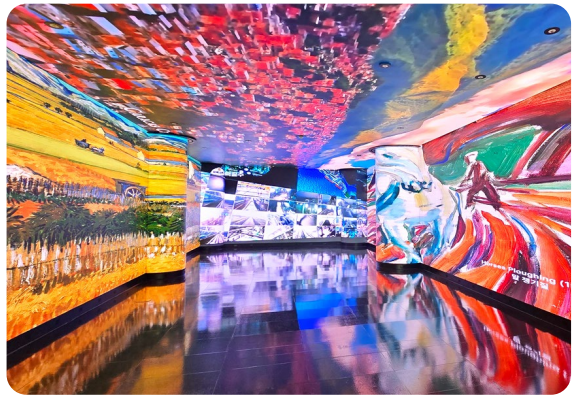
Pixel Pitch P1.86mm / Brightness 600nit

Installation Area

233.18m²

Installation Highlights

- LED display boards designed to deliver immersive promotional and exhibition content for visitors
- Flexible LED applied to column structures enables curved designs and unique aesthetics beyond conventional flat displays



DDP Showroom

The installation extends from the showroom wall into the passage leading to the lounge, creating a continuous visual flow.

It delivers brand stories, product highlights, and art content with strong impact, while enhancing the overall quality of the space as a premium exhibition environment.

Specifications

Pixel Pitch P1.56mm / Brightness 600nit

Screen Size

1F Showroom: Pixel Pitch P2.5 mm / Brightness 600 nit / Screen Size 5.76 × 2.4m

2F Showroom (Flexible): Pixel Pitch P3.0 mm / Brightness 600 nit / Screen Size 29.44 × 0.16m

2F Showroom (Flat Type): Pixel Pitch P2.5 mm / Brightness 600 nit / Screen Size 4.8 × 1.92m

Installation Highlights

- Professional installation of various LED display types, including curved flexible designs optimized for spatial structures
- Large scale LED displays deliver immersive experiences with vivid and dynamic visual content

Inspire Arena

A high performance LED display optimized for large scale performance and entertainment environments was installed, delivering vivid visuals and an overwhelming sense of scale.

It enhances on site immersion and elevates the overall production quality.

Specifications

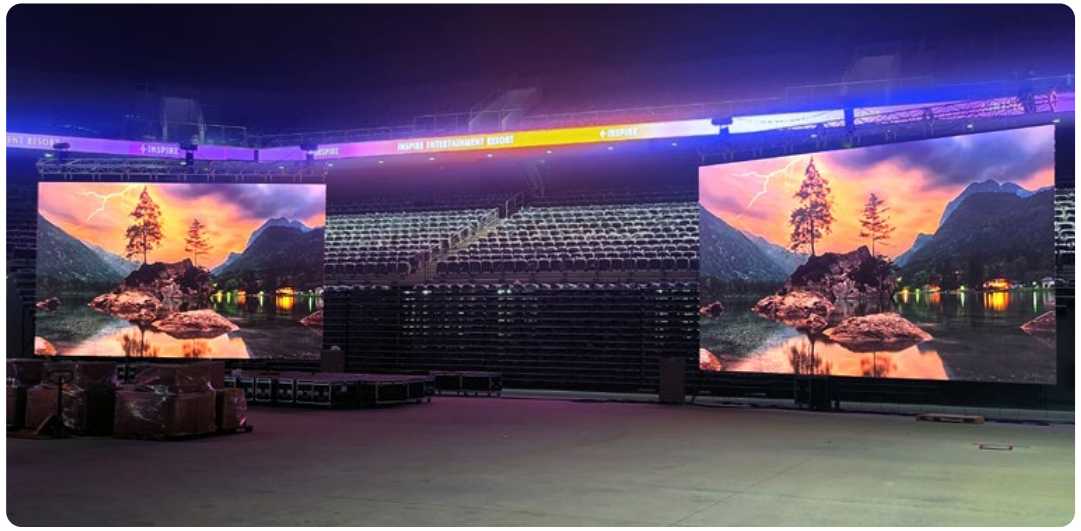
Pixel Pitch P2.6mm / Brightness 600nit

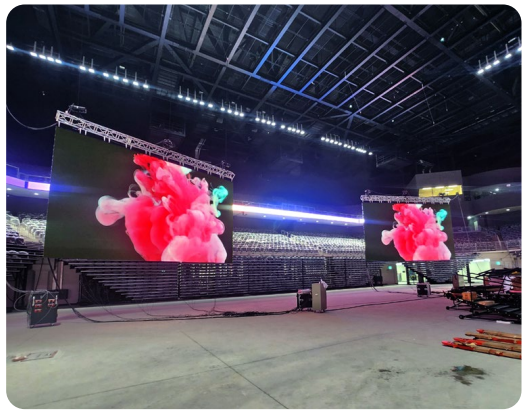
Installation Area

10.0 x 6.0m

Installation Highlights

- Optimized indoor brightness ensures glare free viewing while delivering high quality promotional and media content
- Configured with optimal modules tailored to the venue space, maximizing interior aesthetics





COEX Hall B

A large scale LED display was installed, optimized for exhibition and event environments.

It delivers excellent visibility even in expansive spaces and maximizes attention, enhancing the impact of brand messaging and exhibition content.

Specifications

Pixel Pitch P4mm / Brightness 800nit

Screen Size

13.0 x 3.68m

Installation Highlights

- Designed with screen size and layout optimized for high ceilings and wide viewing angles, ensuring clear visibility from a distance
- Applied a digital display environment that enables flexible operation of advertising content and exhibition information

Gimcheon City Hall

A three sided LED display was installed to deliver an immersive viewing experience, with a pixel pitch of 1.56 mm enabling ultra high definition content with exceptional clarity.

Optimized brightness and module configuration for indoor environments ensure a comfortable viewing experience without glare.

Specifications

Pixel Pitch P1.56mm / Brightness 600nit

Screen Size

14.4 x 3.03m

Installation Highlights

- Designed to minimize distortion and blind spots across various seating positions in the auditorium
- Optimized for lighting and stage conditions to ensure uniform image quality and reduced viewing fatigue during extended use

RYSE Hotel

Excellent visibility is ensured in open environments both day and night, with stable display quality that remains unaffected by changes in ambient light and weather conditions.

This enhances spatial presentation and maximizes on site usability.

Specifications

Pixel Pitch P2.6mm / Brightness 4,000nit

Screen Size

7.68 x 3.84m

Installation Highlights

- High brightness delivery of branding videos and graphic content enhances the overall atmosphere while effectively conveying the hotel's brand identity
- Waterproof and dustproof design ensures stable, high brightness performance even in outdoor environments with frequent changes

Key Supply Performance of LED Display

Kia Corporation

Product Type
INDOOR LED DISPLAY SERIES

Specifications
Screen Size: 9.6 x 4.32m
Pixel Pitch: P2.5mm
Brightness: 600nit

K Square Magok

Product Type
INDOOR LED DISPLAY SERIES

Specifications
Screen Size: 9.6 x 2.36m
Pixel Pitch: P1.87mm
Brightness: 600nit

Gwacheon Knowledge Information Town

Product Type
INDOOR LED DISPLAY SERIES

Specifications
Screen Size: 7.80 x 2.36m
Pixel Pitch: P1.56mm
Brightness: 600nit

Liang Wirye Promotion Center

Product Type
INDOOR LED DISPLAY SERIES

Specifications
Screen Size: 5.12 x 0.96m, etc.
Pixel Pitch: P2.5mm
Brightness: 600nit

Key Supply Performance of Multi Vision

Daejeon Yuseong Terminal

Model
LH55VMBUBGBXKR

Specifications
Inch: 55Inch / 2x3
Bezel: 3.5mm
Brightness: 500nit

Meogabon Ulsan Factory

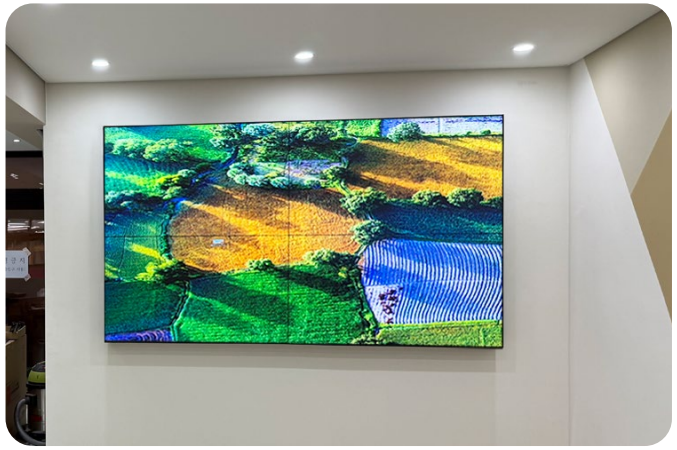
Model
LH55VMCEBGBXKR

Specifications
Inch: 55Inch / 2x2
Bezel: 1.74mm
Brightness: 500nit

InBody Factory

Model
LH55VMCEBGBXKR

Specifications
Inch: 55Inch / 2x3
Bezel: 1.74mm
Brightness: 500nit



Happo Elementary School

Model
DS-D2055LR-G

Specifications
Inch: 55Inch / 2x2
Bezel: 0.88mm
Brightness: 500nit

Key Supply Performance of Stand Type / Single Type

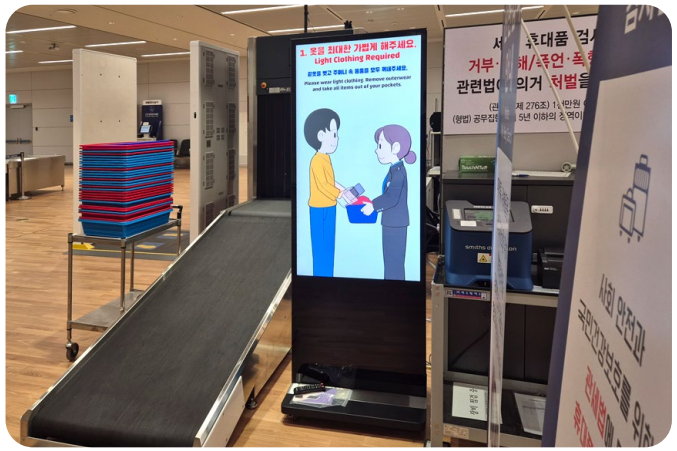
Renault Motors Pohang Branch

Model

QM430CST

Specifications

Inch: 43Inch
Resolution: 4K UHD
Brightness: 500nit



Incheon Airport Customs

Model

QM550CS

Specifications

Inch: 55Inch
Resolution: 4K UHD
Brightness: 500nit

Tempur Busan Jwacheon Branch

Model

LH75QMCEBGCXKR

Specifications

Inch: 75Inch
Resolution: 4K UHD
Brightness: 500nit

Guro Gwangjin Church

Model

LH85QMCEBGCXKR

Specifications

Inch: 85Inch
Resolution: 4K UHD
Brightness: 500nit

Key Supply Performance of Outdoor Type

National Museum of Korea

Model
SYS-ODS-550P

Specifications
Inch: 55Inch
Resolution: FHD
Brightness: 2500nit

Jeju Cultural and Arts Foundation

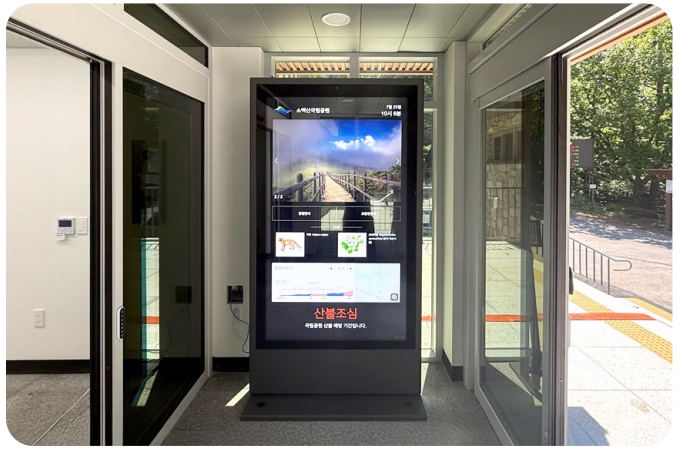
Model
SYS-ODS-550P

Specifications
Inch: 55Inch
Resolution: FHD
Brightness: 2500nit

Hallyeohaesang Ecological Exploration Center

Model
SYS-ODS-750P

Specifications
Inch: 75Inch
Resolution: 4K UHD
Brightness: 3000nit



Sobaeksan National Park

Model
SYS-ODS-750P

Specifications
Inch: 75Inch
Resolution: 4K UHD
Brightness: 3000nit

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