

# HYUNDAI IT Outdoor Display Installation Cases

# Outdoor Digital Signage



**Bus shelter**  
Location : Istanbul, Turkey  
Product : 46"/55" Outdoor Display  
Application : Info & AD Screen



**Bus shelter**  
Location : Seoul, Korea  
Product : 46" Outdoor Display  
Application : Info & AD Screen



**Restaurant**  
Location : Saint-Baume, France  
Product : 46" Outdoor Display  
Application : Info & AD Screen



**Golf Club**  
Location : Incheon, Korea  
Product : 46" Dual Outdoor Display  
Application : Advertisement Screen



**Village**  
Location : Fiskars Village, Finland  
Product : 55" Outdoor Display (Dual)  
Application : Info & AD Screen



**Office**  
Location : Illerkirchberg, Germany  
Product : 55" Outdoor Display  
Application : Info & AD Screen



**Shopping Mall**  
Location : Oslo, Norway  
Product : 46" Outdoor Display  
Application : Info & AD Screen



**Museum**  
Location : Seoul, Korea  
Product : 46" Outdoor Display  
Application : Info & AD Screen



**Parking lot**  
Location : Stockholm, Sweden  
Product : 46" Outdoor Display  
Application : Advertisement Screen



**Resort**  
Location : Dubai, U.A.E  
Product : 46" Outdoor Display  
Application : Advertisement Screen



**Toll gate**  
Location : Fuji Subaru Line, Japan  
Product : 70" Outdoor Display  
Application : Information Screen



**Entrance of Subway**  
Location : Shinjuku, Japan  
Product : 46" Outdoor Display  
Application : Advertisement Screen



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Challenge the limit-  
Hyundai IT Outdoor Display endure the severe weather conditions.

Even strong sunlight, snowstorm and rainstorm can't stop  
HYUNDAI IT Outdoor Digital signage from displaying messages  
and images with full function operating.

**HYUNDAI**



FEATURES

- IP 65~66 Outdoor Design
- Sunlight Readable Ultra High Brightness
- Anti-Reflection Treatment
- Anti-Vandal Protection
- Non Air Conditioner cooling system
- Landscape or portrait orientation
- Easy Maintenance with Front Door Open Design
- Auto Brightness Control
- Single / dual face design
- Tailored design Capable
- Touch Screen (Option)



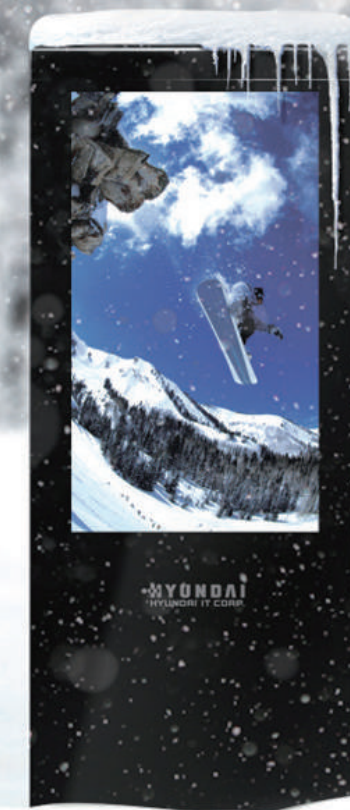
GENERAL SPECIFICATIONS

Metal Frame Type

		Single screen				Dual screen	
		H325MSV	H467MSV	H469MSV	H557MSV	H467MDV	H469MDV
Display Panel	Screen Size	32"	46"	46"	55"	46" x 2screen	46" x 2screen
	Active Display Area (mm)	698.40 x 392.85	1018.08 x 572.67	1018.08 x 572.67	1209.6 x 680.4	1018.08 x 572.67	1018.08 x 572.67
	Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
	Brightness (cd/m <sup>2</sup> ; typ.)	2000	2500	5000	2500	2500	5000
	Life Time (hours)	30,000	50,000	50,000	50,000	50,000	50,000
	Anti-Vandal Glass with AR Coating (mm)	8	8	8	8	8	8
Terminals	Input	1x VGA (D-Sub)   1x HDMI   1x DVI   1x RS232C					
Power Requirement	Operating Voltage	100 - 120V AC, 220 - 240V AC					
	Consumption (typ.)	195W	400W	450W	500W	800W	900W
	Heater Block (with PC Case)	Max 850W / Peak 1.2KW				Max 1.7KW / Peak 2.4KW	
Feature	Auto Cooling System	Yes	Yes	Yes	Yes	Yes	Yes
	Auto Heating System	Yes	Yes	Yes	Yes	Yes	Yes
	PIR Sensor (Motion detection)	No	Option	Option	Option	Option	Option
	Illuminance Sensor (Auto Brightness)	Yes	Yes	Yes	Yes	Yes	Yes
	Touch Screen	Option (Detection Method: PCT, Interface: USB 2.0, OS: Windows, Linux, Mac)					
Mechanical	Set dimension W x H x L (mm)	1120 x 590 x 160	1210 x 764.4 x 180	1210 x 764.4 x 180	1403.2 x 875.2 x 180	1210 x 764.4 x 400.5	1210 x 764.4 x 400.5
	Set Weight (kg)	62	87	87	120	120	120
	Surface treatment visible surfaces	Powder coated					
	Mounting	Built-In					
Environmental conditions	Operational Temperature	-30 - 50°C					
	Storage Temperature	-40 - 60°C					
	Humidity (Non-condensing)	20 - 80%					
Approval	Ingress Protection	IP65					

Stand Alone Type

		Single screen					Dual screen		
		H325SSV	H467SSV	H469SSV	H557SSV	H757SSV	H467SDV	H469SDV	H557SDV
Display Panel	Screen Size	32"	46"	46"	55"	75"	46" x 2screen	46" x 2screen	55" x 2screen
	Active Display Area (mm)	392.85 x 698.40	572.67 x 1018.08	572.67 x 1018.08	680.4 x 1209.6	928.26 x 1650.24	572.67 x 1018.08	572.67 x 1018.08	680.4 x 1209.6
	Resolution	1080 x 1920	1080 x 1920	1080 x 1920	1080 x 1920	1080 x 1920	1080 x 1920	1080 x 1920	1080 x 1920
	Brightness (cd/m <sup>2</sup> ; typ.)	2000	2500	5000	2500	2500	2500	5000	2500
	Life Time (hours)	30,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
	Anti-Vandal Glass with AR Coating (mm)	8	8	8	8	8	8	8	
Terminals	Input	1 x VGA (D-Sub)   1 x HDMI   1 x DVI   1 x RS232C					2x VGA (D-Sub)   2x HDMI   2x DVI   2x RS232C		
Power Requirement	Operating Voltage	100 - 120V AC, 220 - 240V AC							
	Consumption (typ.)	145W	400W	450W	500W	750W	800W (400W x 2)	900W (450W x 2)	1.0KW (500W x 2)
	Heater Block	Max 850 W / Peak 1.2 KW				Max 1.7KW / Peak 2.4KW			
Feature	Auto Cooling System	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Auto Heating System	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	PIR Sensor (Motion detection)	No	option	option	option	option	option	option	option
	Illuminance Sensor (Auto Brightness)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Touch Screen	Option (Detection Method: PCT, Interface: USB 2.0, OS: Windows, Linux, Mac)							
Mechanical	Set dimension W x H x L (mm)	675.3 x 1700 x 150	855 x 2000 x 150	855x2000 x 150	965 x 2180 x 160	1225 x 2250 x 230	855 x 2000 x 320	855 x 2000 x 320	965 x 2180 x 320
	Set Weight (kg)	130	150	150	177	270	230	230	330
	Surface treatment visible surfaces	Powder coated							
	Mounting (Bottom mounting)	M10 wedge anchor (6 pcs)							
Environmental conditions	Operational Temperature	-30 - 50°C							
	Storage Temperature	-40 - 60°C							
	Humidity (non-condensing)	20 - 80%							
Approval	Ingress Protection	IP66							



Advanced Display Solutions

HYUNDAI Outdoor Displays Ensure a Stable Operation in Any Environment.



Ensure Stable Operations in Any Environment

HYUNDAI IT's outdoor displays represent state-of-the-art display technology for any outdoor environment. Even strong sunlight, snowstorm and rainstorm can't stop HYUNDAI Outdoor Digital Signage from displaying messages and images with full function operating. By meeting highest industrial standards, they provide a high degree of operational reliability and superior image quality.

All-Weather Capable Display

Fitted with an intelligent cooling and heating system, the outdoor displays are well prepared for standing any weather conditions. Smart air looping system without air conditioner to protect the LCD Panel against so called black-outs.

\* Why not using air conditioner?  
 Although air conditioner reduce the temperature inside rapidly, which looks better, but enough considerations are required for the issues below.  
 - energy consumption - maintenance cost / reliability  
 - noise pollution - dampness from the temperature gap inside and outside

Vandalism Protection

Outdoor Display should be secured from extreme environmental conditions as well as the impacts on the display surface. Hyundai IT's Anti-Vandal glass is bonded with highly durable and optically clear adhesive. This technology provides the perfect solution for outdoor signage protection.

What is an Anti-Vandal Glass?  
 Vandal Bonding is the technology in which the LCD surface is bonded with the invisible glass thin screen to prevent any damages.



Smart air looping system

Smart air circulation system without air conditioner protect the LCD Panel against blackout.

\* Why not using air conditioner?  
 - energy consumption - maintenance cost / reliability  
 - noise pollution - dampness from the temperature gap inside and outside

Improve Readability

A special anti-reflection treatment reduces reflections on the display's surface, therefore clear images can be displayed through the glass against the environmental illumination.

IP65-66 Conformity

In order to protect the display against outside influences, Hyundai's Outdoor display meet the requirements of IP65-66.

Ingress Protection Rating  
 IP66 rating provides full protection against ingress of dusts and water projected from all direction.

Easy Maintenance

Experience easy operating and maintenance with Hyundai's outdoor displays adopting front open access.