

# Specifications

Model	IHC			
	IHC-X	IHC-Y	IHC-L	
Physical Parameter	Pixel Pitch (mm)	3.9 / 5.9	3.9 / 5.9	3.9 / 5.9
	Physical Resolution of Cabinet (W x H)	128 x 128 (P3.9) / 84 x 84 (P5.9)	128 x 256 (P3.9) / 84 x 168 (P5.9)	128 x 128 (P3.9) / 84 x 84 (P5.9)
	No. of Modules Per Cabinet (W x H)	2 x 1	2 x 2	2 x 1
	Cabinet Dimensions (W x H x D) (mm)	500 x 500 x 64	500 x 1,000 x 64	500 x 500 x 64
	Weight per Cabinet (kg)	7.9±5%	12.2±5%	6.8±5%
	Weight per m <sup>2</sup> (kg)	31.6±5%	24.4±5%	27.2±5%
Optical Parameter	Brightness (Max)	4,000nit	4,000nit	4,000nit
	Contrast Ratio	8,000 : 1	8,000 : 1	8,000 : 1
	Viewing angle - Horizontal	150°	150°	150°
	Viewing angle - Vertical	150°	150°	150°
	Bit-depth (bit)	16	16	16
	Color Temperature - Default	6,500K±500K	6,500K±500K	6,500K±500K
Electrical Parameter	Color Temperature - Adjustable	2,800 - 16,000K	2,800 - 16,000K	2,800 - 16,000K
	Power	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz
	Power consumption - Max	860 (W/m <sup>2</sup> ) / 215 (W/Cabinet)	860 (W/m <sup>2</sup> ) / 430 (W/Cabinet)	860 (W/m <sup>2</sup> ) / 215 (W/Cabinet)
	Power consumption - Typical	258 (W/m <sup>2</sup> ) / 64.5 (W/Cabinet)	258 (W/m <sup>2</sup> ) / 129 (W/Cabinet)	258 (W/m <sup>2</sup> ) / 64.5 (W/Cabinet)
Operation Conditions	Heat Power Consumption per Cabinets (BTU)	Max 366.6 / Typical 109.95	Max 733.15 / Typical 219.945	Max 366.6 / Typical 109.95
	Refresh rate (Hz)	3,840	3,840	3,840
	Operating Temperature	-10°C to 40°C	-10°C to 40°C	-10°C to 40°C
	Operating Humidity	10% to 80%	10% to 80%	10% to 80%
	Storage Temperature	-20°C to 60°C	-20°C to 60°C	-20°C to 60°C
	Storage Humidity	10% to 90%	10% to 90%	10% to 90%
Certification	IP Rating	IP50	IP50	IP50
	LED Lifetime Hr (24Hr, Luminance 50% down)	100,000	100,000	100,000
Service	EMC Class	Class A	Class A	Class A
Package (Wooden case)	Service	Front and Rear	Front and Rear	Front and Rear
	Box Dimension (W x H x D) (mm) Wooden case	750 x 680 x 580 (8 in 1)	1,080 x 680 x 580 (6 in 1)	750 x 680 x 580 (8 in 1)
	Box Volume (m <sup>3</sup> )	0.296	0.426	0.296
	Package Weight (kg)	89.2 (1 Box & 8 cabinets)	109.2 (1 Box & 6 cabinets)	80.4 (1 Box & 8 cabinets)
Etc. Info.	Accessory in Box	Module, Sending box, Receiving card, Hub boards, SMPS, Screws, Cables and so on	Module, Sending box, Receiving card, Hub boards, SMPS, Screws, Cables and so on	Module, Sending box, Receiving card, Hub boards, SMPS, Screws, Cables and so on
	Curve Support (-:concave +:convex) (°)	(Stacking) ±10°, ±5°, 0° (Hanging) ±10°, ±7.5°, ±5°, ±2.5°, 0°	(Stacking) ±10°, ±5°, 0° (Hanging) ±10°, ±7.5°, ±5°, ±2.5°, 0°	-90° - 0°
	Max Stacking	8EA	4EA	8EA
	Max Hanging	16EA	8EA	16EA

## About Samsung Electronics Co., Ltd.

Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, digital appliances, medical equipment, network systems, and semiconductor and LED solutions. For the latest news, please visit the Samsung Newsroom at [news.samsung.com](https://news.samsung.com).

## LED Signage

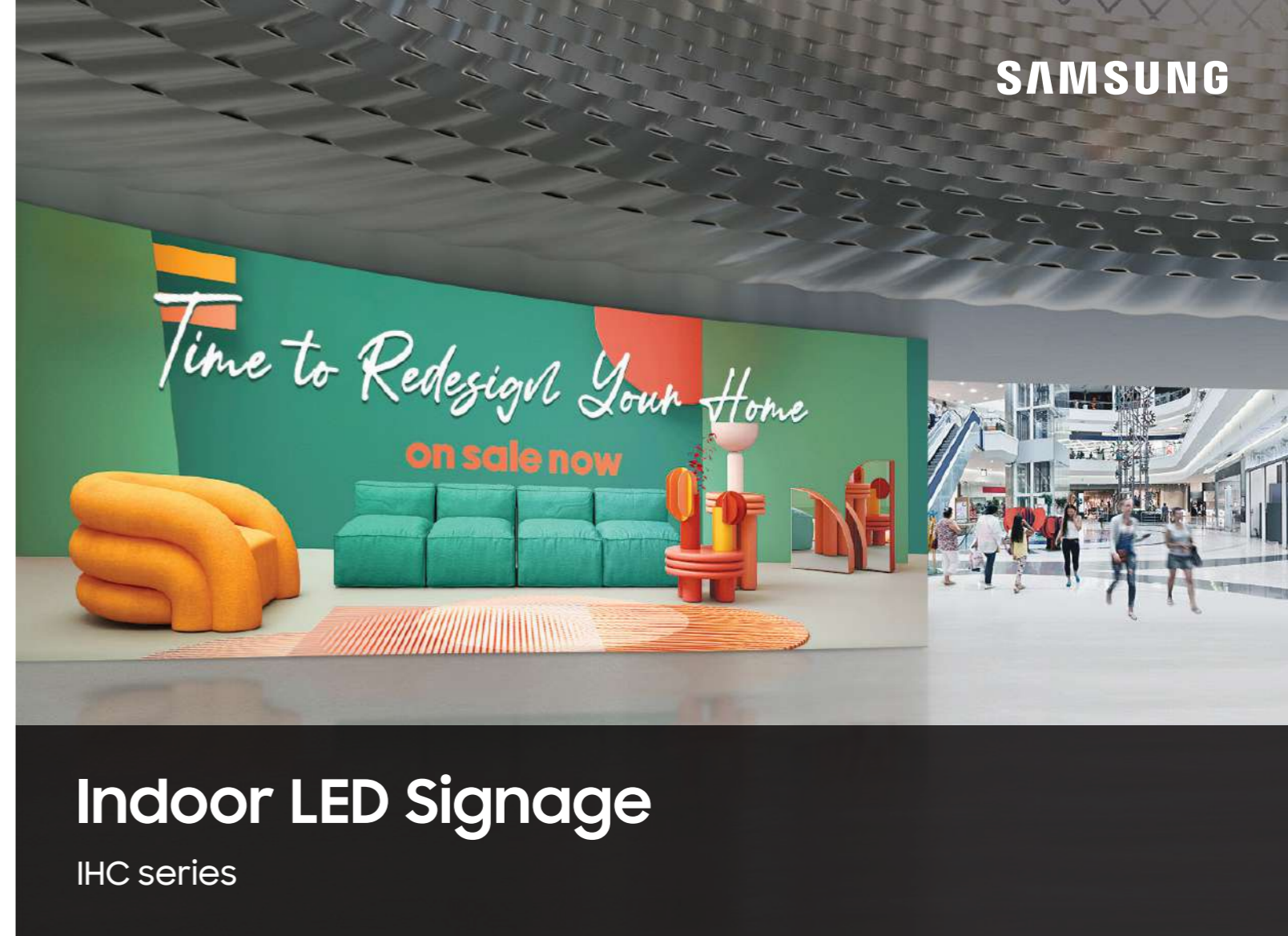
For more information about Samsung LED Signage, visit [www.samsung.com/business](https://www.samsung.com/business)

Copyright © 2023 Samsung Electronics Co. Ltd. All rights reserved. Samsung is a registered trademark of Samsung Electronics Co. Ltd. Specifications and designs are subject to change without notice. Non-metric weights and measurements are approximate. All data were deemed correct at time of creation. Samsung is not liable for errors or omissions. All brand, product, service names and logos are trademarks and/or registered trademarks of their respective owners and are hereby recognized and acknowledged.

Samsung Electronics Co., Ltd.  
416, Maetan 3-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-772, Korea

2023-08

SAMSUNG



# Indoor LED Signage

IHC series

## A stunning centerpiece for your business

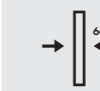
Samsung's IHC series indoor LED display creates a brilliant centerpiece in any environment. Featuring 4,000nit brightness, the IHC series maximizes customer immersion with crisp, clear content, even when faced with direct sunlight. The two cabinets, weighing only 7.9kg or 12.2kg, allow one-man handling for fast setup while enabling a variety of installation options to meet any environmental specifications. Plus, with all components being detachable – from the power box to the modules – the IHC series supports full front and rear service, making maintenance simpler even in limited spaces.

## Key features



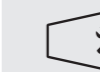
### Brilliant Visuals

With 4,000nit brightness and 3,840Hz refresh rate, the IHC series provides clear visuals even in direct sunlight.



### A Thin & Light Design

The two cabinets, weighing only 7.9kg or 12.2kg, are super slim at just 64mm thick, allowing fast setup of the display.



### Flexible Installation

Multiple accessories are provided to enable easy setup of displays including hanging, stacking and L-type installation.



### Full Front & Rear Service

From the power box to the modules, all components are detachable to support full front and rear service.