

Specifications

Model	ISC			
	ISC-X	ISC-Y	ISC-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 1000 x 64	500 x 500 x 64
	Weight per Cabinet (kg)	7.9 ± 5%	12.2 ± 5%	6.8 ± 5%
Optical Parameter	Weight per m ² (kg)	31.6 ± 5%	24.4 ± 5%	27.2 ± 5%
	Brightness (Max)	2,000nit	2,000nit	2,000nit
	Contrast Ratio	6,000 : 1	6,000 : 1	6,000 : 1
	Viewing angle - Horizontal	160°	160°	160°
	Viewing angle - Vertical	160°	160°	160°
	Bit-depth (bit)	16	16	16
	Color Temperature - Default	6,500K ± 500K	6,500K ± 500K	6,500K ± 500K
	Color Temperature - Adjustable	2,800 - 16,000K	2,800 - 16,000K	2,800 - 16,000K
Electrical Parameter	Power	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz
	Power consumption - Max	360 (W/m ²) / 90 (W/Cabinet)	360 (W/m ²) / 180 (W/Cabinet)	360 (W/m ²) / 90 (W/Cabinet)
	Power consumption - Typical	108 (W/m ²) / 27 (W/Cabinet)	108 (W/m ²) / 54 (W/Cabinet)	108 (W/m ²) / 27 (W/Cabinet)
	Heat Power Consumption per Cabinets (BTU)	Max 153.45 / Typical 46.04	Max 306.9 / Typical 92.07	Max 153.45 / Typical 46.04
	Refresh rate (Hz)	3,840	3,840	3,840
Operation Conditions	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%
	IP Rating	IP50	IP50	IP50
	LED Lifetime Hr (24Hr, Luminance 50% down)	100,000	100,000	100,000
Certification	EMC Class	Class A	Class A	Class A
Service	Servicing	Front and Rear	Front and Rear	Front and Rear
Package (Wooden case)	Box Dimension (W x H x D) (mm)	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 ³)	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)
	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
Etc. Info.	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

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LED Signage

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SAMSUNG



Indoor LED Signage

ISC series

Uplevel the spectacle with immersive displays

Samsung's ISC series indoor LED display exceeds fans' visual expectations with uninterrupted and brilliant content. Featuring 2,000nit brightness and 3,840Hz refresh rate, the ISC series captivates spectators and immerses them in the action on large-scale, bright displays. The two cabinets, weighing only 7.9kg or 12.2kg, allow one-man handling for fast setup while supporting full front and rear service with detachable components. Plus, the ISC series consumes maximum 360 W/m², reducing power consumption up to 38% compared with conventional products.

Key features



Brilliant Visuals

With 2,000nit brightness and 3,840Hz refresh rate, the ISC series provides clear visuals even in live broadcasts.



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.



Improved Energy Efficiency

ISC series consumes maximum 360 W/m², reducing power consumption up to 38% compared with conventional products*, eliminating the need for additional power setups.

* Conventional products refer to Samsung's IFH-DL series.