

Specifications

Model		IB025F	IB025F-Q
		LH025IBFAAA	LH025IBFAQA
		Indoor (FLAT 4×2)	Indoor (FLAT 1×2 / L-TYPE / Curvature)
Physical Parameter	Pixel Pitch (mm)	2.5	2.5
	Pixel Density (m²)	160,000	160,000
	Pixel Density (Cabinet)	80,000	20,000
	Physical Resolution of Module (W × H)	100 × 100	100 × 100
	Physical Resolution of Cabinet (W × H)	400 × 200	100 × 200
	LED Module Dimentions (W×H) (mm)	250 × 250	250 × 250
	No. of Modules Per Cabinet (W × H)	4 × 2	1 × 2
	Cabinet Dimensions (W × H × D) (mm)	1,000 × 500 × 42	250 × 500 × 42
	Weight per Cabinet (kg)	13±5%	3.7±5%
	Weight per m² (kg)	26±5%	29.6±5%
Optical Parameter	Cabinet Material	Aluminum Diecasting	Aluminum Diecasting
	Brightness (Max)	3,500 nit	3,500 nit
	Contrast Ratio	10,000 :1	10,000 :1
	Viewing angle - Horizontal	160º	160º
	Viewing angle - Vertical	160º	160º
	Bit-depth (bit)	14	14
	Colours	4 trillion	4 trillion
	Color Temperature - Default	6,500K±500K	6,500K±500K
	Color Temperature - Adjustable	2,800 ~ 16,000K	2,800 ~ 16,000K
Electrical Parameter	Power	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz
	Power consumption - Max	606 (W/m²) / 310 (W/Cabinet)	620 (W/m²) / 775 (W/Cabinet)
	Power consumption - Typical	210 (W/m²) / 105 (W/Cabinet)	216 (W/m²) / 27 (W/Cabinet)
	Heat Power Consumption per Cabinets (BTU)	Max 517 / Typical 179	Max 132 / Typical 46
Operation Conditions	Refresh rate (Hz)	3,840	3,840
	Operating Temperature	-5°C to 50°C	-5°C to 50°C
	Operating Humidity	10% to 80%	10% to 80%
	Storage Temperature	-5°C to 50°C	-5°C to 50°C
	Storage Humidity	10% to 90%	10% to 90%
	Cooling	Self	Self
	IP Rating	IP30	IP30
	LED Lifetime Hr (24Hr, Luminance 50% down)	100,000	100,000
Certification	EMC Class	Class A	Class A
Service		Front Only	Front Only
Package	Box Dimension (W x H x D) (mm) Wodden case	1,100 × 780 × 1,100	940 × 740 × 530
	Box Volume (m³)	0.944	0.369
	Package Weight (kg)	116	47
	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.
Etc. Info.	Curve Support (-:concave +: convex) (°)	-90° ~ 0° convex not supported	-90° ~+90°
	Radius(mm)	N/A	2,400R

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LED Signage

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Indoor LED Signage

IBF series

A stunning centerpiece for your business

Samsung’s IBF series indoor LED display creates a brilliant centerpiece in various environments. Featuring 3,500-nit brightness, the IBF series maximizes customer immersion with crisp, clear content-even under direct sunlight. Its three cabinet options, weighing only 3.7kg, 10kg, and 13kg allow single-person handling for quick setup and support a range of installation methods to meet different environmental requirements. In addition, the simplified rear panel reduces visual clutter, allowing the signage to blend seamlessly into modern interiors. Overall, the IBF series offers flexible installation to easily meet diverse setup needs.

Key features



High Brightness

Catch the eye of passersby with vivid and vibrant visuals. Featuring 3,500nit brightness, the IBF series maximizes customer immersion with consistent, flawless content, even when faced with direct sunlight.



Clean-Back Design

The simplified rear panel reduces visual clutter, helping the signage integrate seamlessly into modern interiors. The result is a display that looks refined from the front and the back, even in open or window-facing spaces.



A Thin & Light Design

Install with ease. Samsung’s IBF series now offers much simpler and easier installation, meaning the display can be up and running quicker than ever before. The three cabinets, weighing only 3.7kg, 10kg, and 13kg are super slim at just 42mm thick, allow single-person handling for quick setup and support a range of installation methods to meet different environmental requirements.



Flexible Installation

A variety of installation options make the IBF series an optimal solution for any store. Multiple accessories are provided to enable easy setup of displays across a versatile range of environments, including window facing, flat, L-type, convex, concave installation.