

SAMSUNG



Indoor LED Signage

IEC series

Captivate potential customers with brilliant displays.

Samsung's IEC series indoor LED display creates a brilliant centerpiece in any environment. Featuring 600nit brightness and 3,840Hz refresh rate, the IEC series maximizes customer immersion with consistent, flawless content, even when viewed from close distance whether a customer is just passing by or walking into the store. Measuring just 1.5 inches in depth and weighing only 12.3 lbs.*, the super slim and lightweight cabinet allows one-man handling for fast setup while enabling a variety of installation options to meet any environmental specifications.

Key features



Brilliant visuals

With 600nit brightness and 3,840Hz refresh rate, the IEC series provides clear visuals even when viewed from close distance.



HDR10 support

The IEC series supports HDR10 picture refinement technology which optimizes brightness scene-by-scene to illuminate greater contrast ratio for precise, true-to-life imagery.



A thin and light design

Measuring just 1.5 inches in depth and weighing only 12.3 lbs.*, the super slim and lightweight cabinet allows fast setup of the display.



Flexible installation

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

*Weight varies by model; IEC-L series weighs 11 lbs. per cabinet.

Specifications

Model		IE009C, IE009C-L	IE012C, IE012C-L	IE015C, IE015C-L
		P0.9	P1.2	P1.5
Physical Parameter	Pixel Pitch (mm)	0.9375	1.25	1.56
	Pixel Density (m ²)	1,137,777	640,000	409,600
	Pixel Density (Cabinet)	230,400	129,600	82,944
	Physical Resolution of Module (W x H)	320 x 180	240 x 135	192 x 108
	Physical Resolution of Cabinet (W x H)	640 x 360	480 x 270	384 x 216
	LED Module Dimensions (WxH) (mm)	300 x 168.75	300 x 168.75	300 x 168.75
	No. of Modules Per Cabinet (W x H)	2 x 2	2 x 2	2 x 2
	Cabinet Dimensions (W x H x D) (mm)	600 x 337.5 x 38	600 x 337.5 x 38	600 x 337.5 x 38
	Weight per Cabinet (kg)	5.6±0.3 (IE009C) / 5.0±0.3 (IE009C-L)	5.6±0.3 (IE012C) / 5.0±0.3 (IE012C-L)	5.6±0.3 (IE015C) / 5.0±0.3 (IE015C-L)
	Weight per m ² (kg)	28±1.5 (IE009C) / 25±1.5 (IE009C-L)	28±1.5 (IE012C) / 25±1.5 (IE012C-L)	28±1.5 (IE015C) / 25±1.5 (IE015C-L)
	Cabinet Material	Aluminum Diecasting	Aluminum Diecasting	Aluminum Diecasting
Optical Parameter	Brightness (cd/m ²) After Calibration	>600	>600	>600
	Contrast Ratio	4,000 : 1	4,000 : 1	4,000 : 1
	Viewing angle – Horizontal	160°	170°	160°
	Viewing angle – Vertical	140°	160°	140°
	Bit-depth (bit)	14	14	14
	Colours	4.4 trillion	4.4 trillion	4.4 trillion
	Color Temperature - Default	12,000K±500K	12,000K±500K	12,000K±500K
	Color Temperature - Adjustable	3,500 – 12,000K	3,500 – 12,000K	3,500 – 12,000K
Electrical Parameter	Power	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz	AC100-240V, 50/60Hz
	Power consumption – Max	626 (W/m ²) / 126.76 (W/Cabinet)	556 (W/m ²) / 112.6 (W/Cabinet)	382 (W/m ²) / 77.4 (W/Cabinet)
	Power consumption – Typical	208.6 (W/m ²) / 42.24 (W/Cabinet)	185.2 (W/m ²) / 37.5 (W/Cabinet)	127.2 (W/m ²) / 25.8 (W/Cabinet)
	Heat Power Consumption per Cabinets (BTU)	Max 432.5 / Typical 144.12	Max 384.2 / Typical 127.95	Max 264 / Typical 88
	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%
	Cooling	Self	Self	Self
	IP Rating	IP 30	IP 30	IP 30
	LED Lifetime Hr (24Hr, Luminance 50% down)	100,000	100,000	100,000
Certification	EMC Class	Class A	Class A	
Service	Servicing	Front	Front	
Package	Box Dimension (W x H x D) (mm) Wodden case	892 x 568 x 708 (8 in 1) mm / 35.1 x 22.4 x 27.9 in.	892 x 568 x 708 (8 in 1) mm / 35.1 x 22.4 x 27.9 in.	892 x 568 x 708 (8 in 1) mm / 35.1 x 22.4 x 27.9 in.
	Box Volume (m ³)	0.359	0.359	0.359
	Package Weight (kg)	1 Box and 8 cabinets 70±1 (IE009C) / 65±1 (IE009C-L)	1 Box and 8 cabinets 70±1 (IE012C) / 65±1 (IE012C-L)	1 Box and 8 cabinets 70±1 (IE015C) / 65±1 (IE015C-L)
	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) (°)	-90° - 0° (IE009C) / +90° (IE009C-L)	-90° - 0° (IE012C) / +90° (IE012C-L)	-90° - 0° (IE015C) / +90° (IE015C-L)



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