
Project Description

Indoor LED Signage IE025A

4x4

* The configuration information in this document is for simulated installation only, while actual physical specifications may vary. Please consult with Samsung or your installation partner for accurate information.

* Specifications are subject to change without notice.

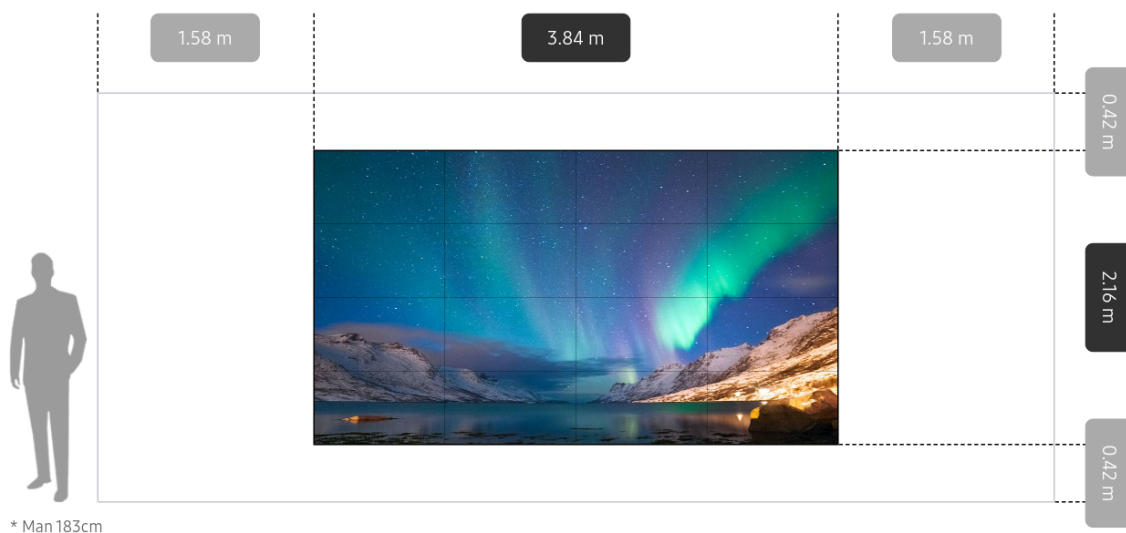
Date of configuration : 5th March, 2024



With more businesses turning to LED signage for an enhanced customer experience, Samsung's IER/IEA series displays offer an ideal combination of superior picture quality and intuitive usability. IER/IEA Series captivates customers through industry-leading video processing technologies and High Dynamic Range (HDR) picture refinement, delivering clearer, more realistic and memorable content. Fine-tune uniformity and accurate color even in low brightness also always ensures enhanced image presentation. Hassle-free installation and flexible configuration options means any business can have an eye-catching display regardless of environmental constraints.

LED Configuration Rendering

Indoor LED Signage IE025A



Screen Specification

Model Name **IE025A**

Display Requirements	Screen Configuration (WxH)	4 Units x 4 Units
	No. of Cabinets	16 Units
	No. of Spare Cabinets	1 Unit
	Total No. of Cabinets	17 Units
Display Wall Dimensions	Dimensions	3.84 x 2.16 m
	Display Area	8.29 m ²
	Diagonal	173.45 inch
	Weight	172.8 Kg
Optical Parameter	Resolution	1536 x 864
	Q'ty. of S-Boxes	1 Unit
Power Requirements	Max	2880 Watts
	Typical	960 Watts
Heat Generation	Max	9824 BTU
	Typical	3280 BTU

* Please refer to "Ventilation Guide" of next page.

Ventilation Guide (A case Dynamic Peaking function is activated)

(CFM)

Temperature	FAN flow per a column	Total FAN flow
15°C	0	No fan required
20°C	0	No fan required
25°C	0	No fan required
30°C	0	No fan required

Ventilation Guide (A case Dynamic Peaking function is deactivated)

(CFM)

Temperature	FAN flow per a column	Total FAN flow
15°C	0	No fan required
20°C	0	No fan required
25°C	0	No fan required
30°C	0	No fan required

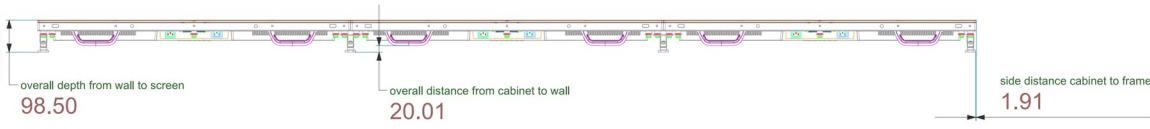
Product Specification

Model Name **IE025A**

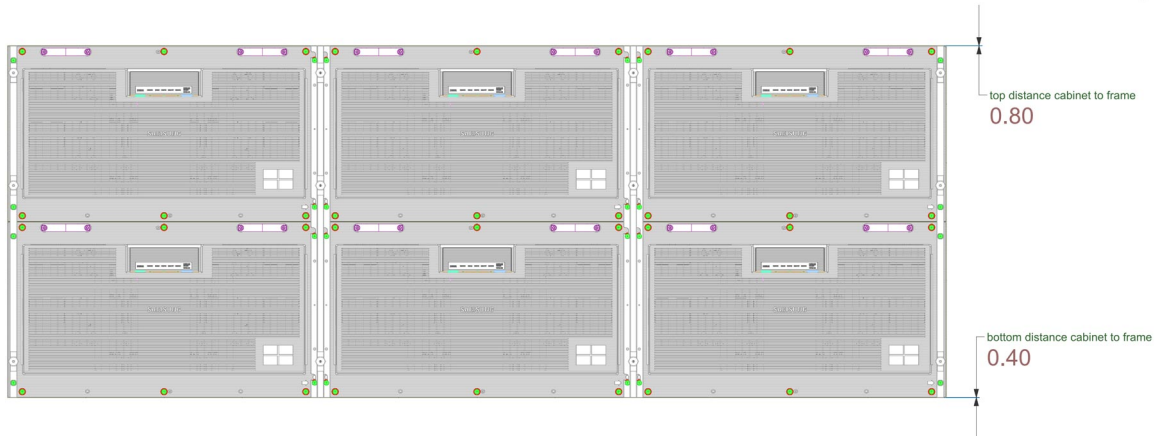
Physical Parameter	Pixel Pitch	2.5mm
	Diode Type	Surface Mount Device (SMD)
	Dimensions (mm, LxHxD, per cabinet)	960x540x79.5 mm
	Diagonal (inch, DiagonalxD, per cabinet)	43.3x3.13 inch
	Weight (per cabinet/per m ²)	10.8 kg / 20.8 kg
Optical Parameter	Brightness (Peak/Max)	1,000 nit / 500 nit
	Contrast Ratio (Peak/Max)	5,000:1
	Viewing angle - Horizontal	150°
	Viewing angle - Vertical	150°
	Bit Depth	16 bit (Internal processing 18bit)
	Color temperature - Adjustable	2,800 ~ 10,000K (use S/BOX)
Electrical Parameter	Video Rate	50/60 Hz
	Input Power Range	100~240 VAC, 50/60 Hz
	Power consumption - Max	347 (W/m ²) / 180 (W/Cabinet)
	Power consumption - Typ	116 (W/m ²) / 60 (W/Cabinet)
	Heat generation – Max(BTU/m ² , BTU/cabinet)	1,185 (BTU/m ²) / 614 (BTU/Cabinet)
	Heat generation – Typical(BTU/m ² , BTU/cabinet)	395 (BTU/m ²) / 205 (BTU/Cabinet)
	Refresh rate	3,840 Hz
Operation Conditions	Working Temperature / Humidity	0°C~40°C / 10~80%RH
	Storage Temperature / Humidity	-20°C~45°C / 5~95%RH
	IP Rating	IP20
	LED Lifetime	100,000 hours
Certification	Certification	Safety : 62368-1,60950-1 / EMC : Class A
Service	Service	Front
Package	Box Dimension (mm, LxHxD)	1,119 x 206 x 699 mm
	Box Volume (m ³)	-
	Package Weight (kg, per cabinet)	16.5 kg

Mechanical Overall Depth Drawing(Cabinet)

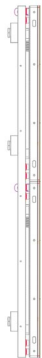
TOP VIEW



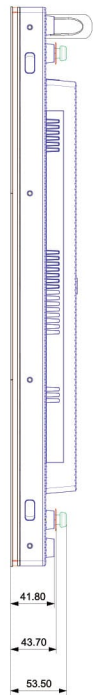
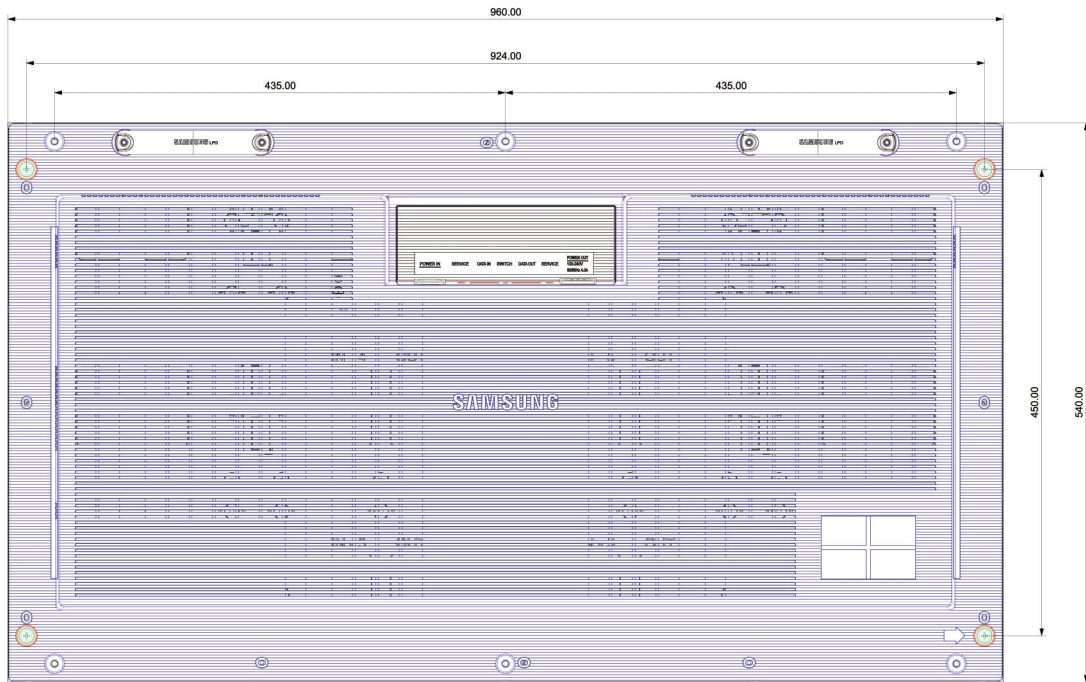
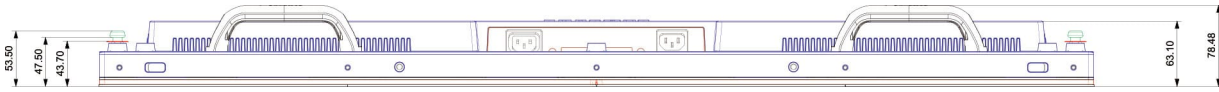
REAR VIEW



SIDE VIEW

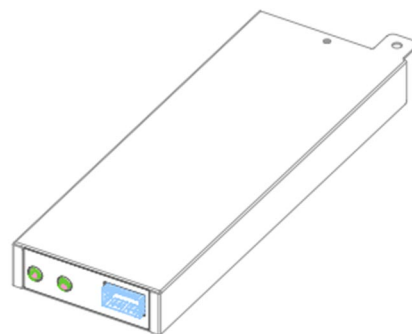
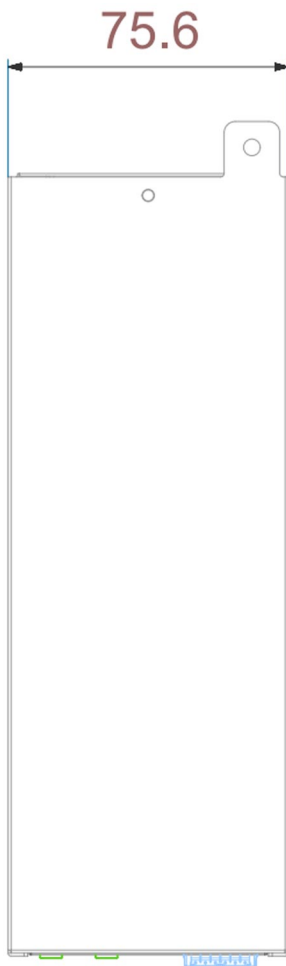


Mechanical Drawing(Cabinet)



Mechanical Drawing(IG CS4B)

I/G

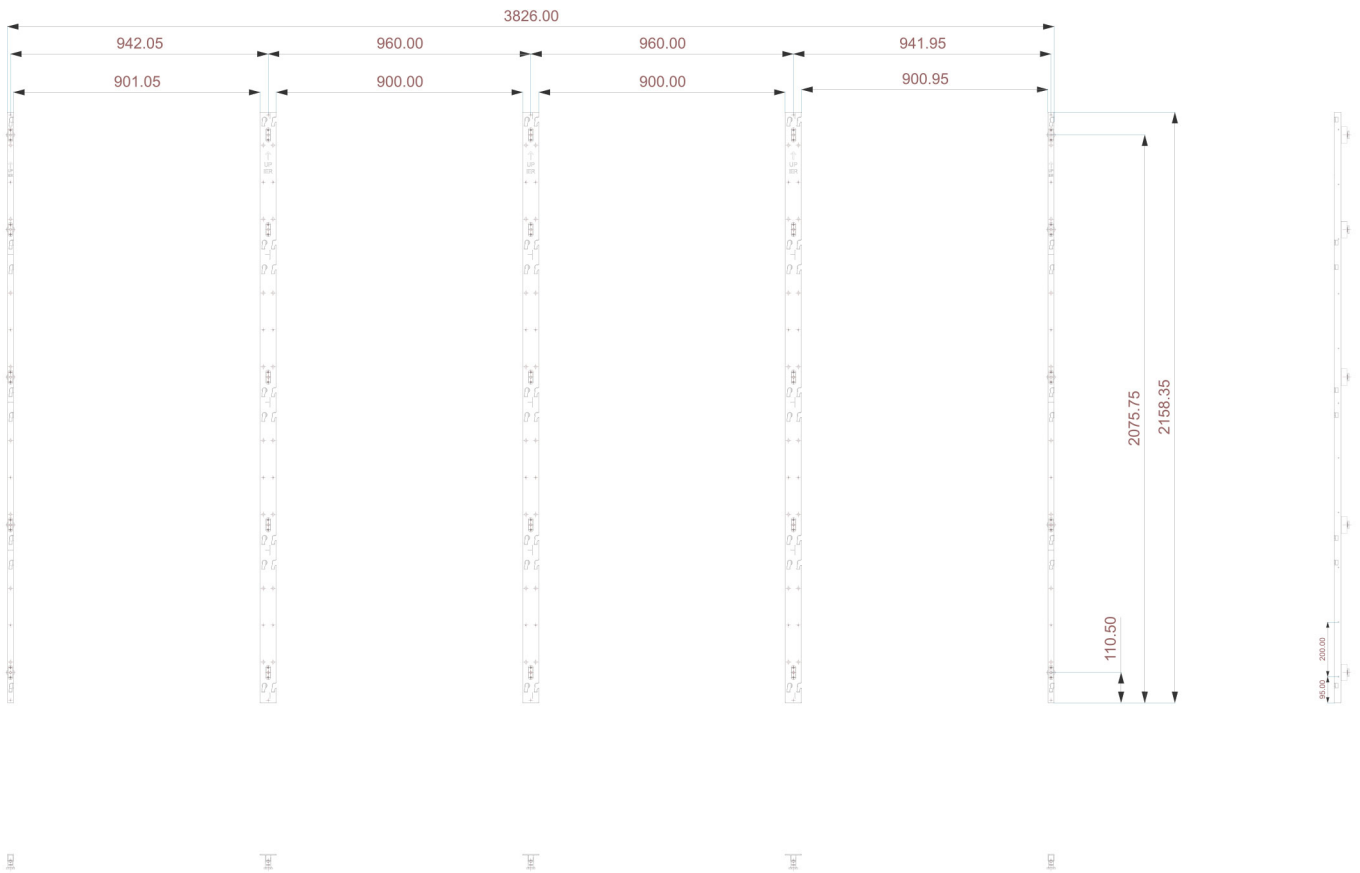


Mechanical Drawing(Frame Kit)

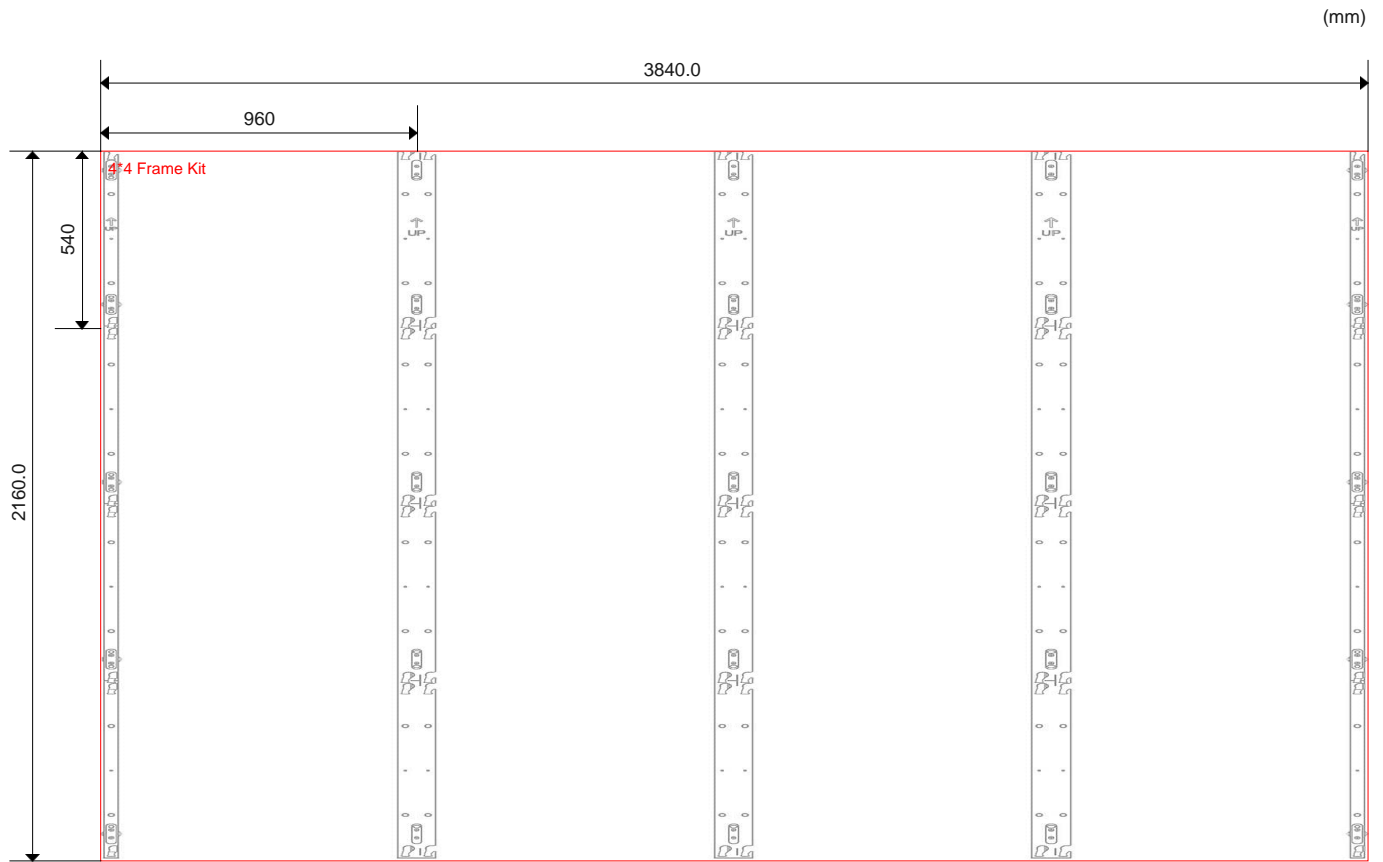
Model Code	Required Quantity
VG-LFR84FWL	0 Unit
VG-LFR44FWL	1 Unit
VG-LFR53FWL	0 Unit
VG-LFR33FWL	0 Unit
VG-LFR52FWL	0 Unit
VG-LFR11SWL	0 Unit

Mechanical Drawing(Frame Kit)

VG-LFR44FWL

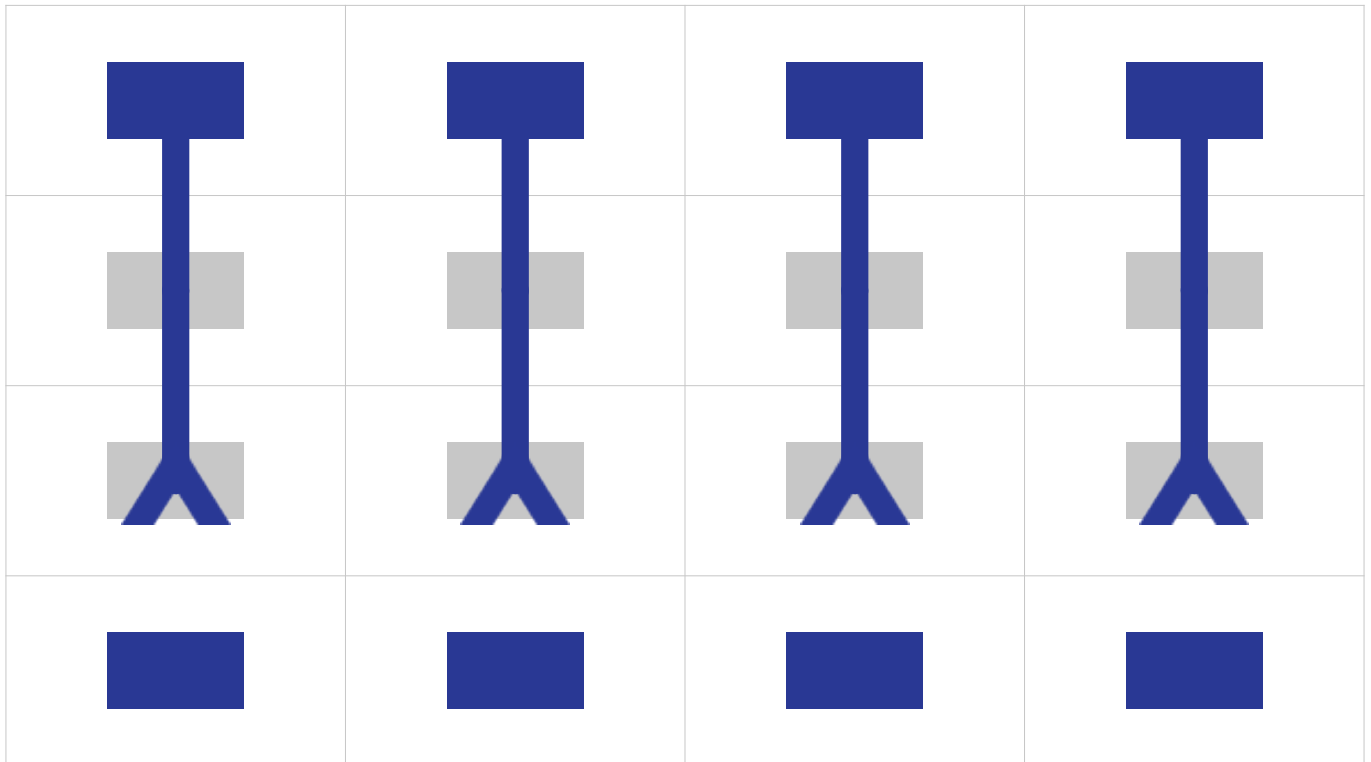


Mechanical Drawing(Frame Kit)







** This figures below is the cabinet length on mounted position*

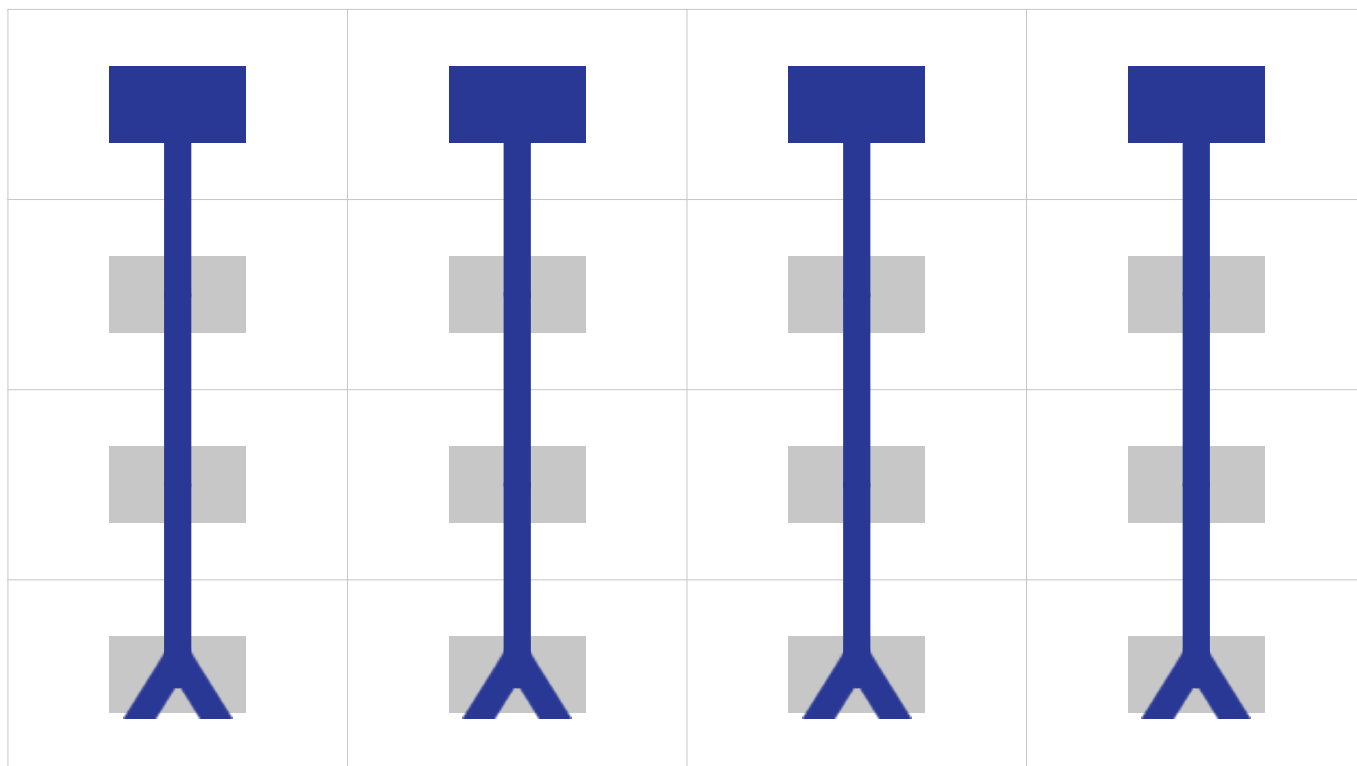
Power Flow Diagram(110V)







** The number of primary power cables doesn't pertain to the number of external circuits. The number of external circuits depends on power consumption. For more detail, please contact your sales partner from Samsung Electronics.*

-  Power Interconnect Cable
-  Power Cable Input/Output
-  Primary Cable Routing End Point
-  Primary Power Cable Input

Power Flow Diagram(220V)



** The number of primary power cables doesn't pertain to the number of external circuits. The number of external circuits depends on power consumption. For more detail, please contact your sales partner from Samsung Electronics.*

-  Power Interconnect Cable
-  Power Cable Input/Output
-  Primary Cable Routing End Point
-  Primary Power Cable Input

Production Information



IE025A



SBB-CS4BPGS