
Project Description

Indoor LED Signage IE025A

5x3

* 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.

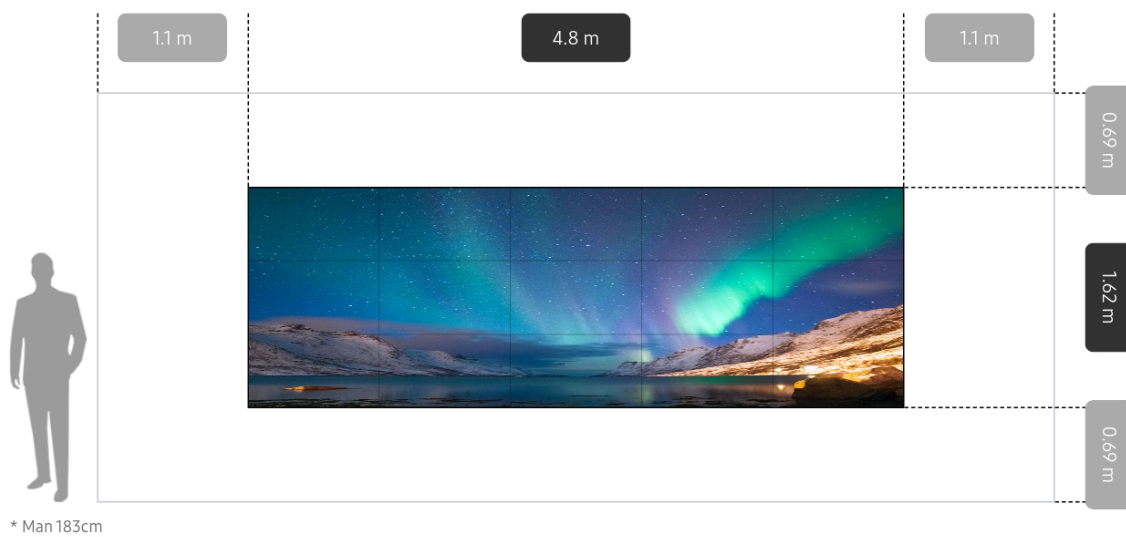
Date of configuration : 5th March, 2024



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) | 5 Units x 3 Units |
| | No. of Cabinets | 15 Units |
| | No. of Spare Cabinets | 1 Unit |
| | Total No. of Cabinets | 16 Units |
| Display Wall Dimensions | Dimensions | 4.8 x 1.62 m |
| | Display Area | 7.78 m ² |
| | Diagonal | 199.44 inch |
| | Weight | 162.0 Kg |
| Optical Parameter | Resolution | 1920 x 648 |
| | Q'ty. of S-Boxes | 1 Unit |
| Power Requirements | Max | 2700 Watts |
| | Typical | 900 Watts |
| Heat Generation | Max | 9210 BTU |
| | Typical | 3075 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 |

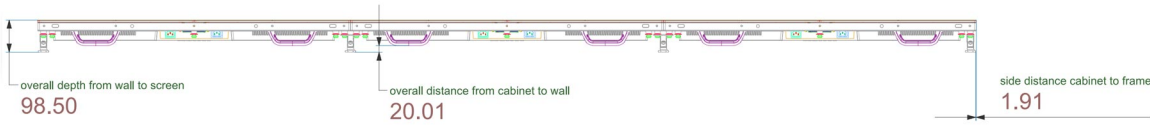
Product Specification

Model Name **IE025A**

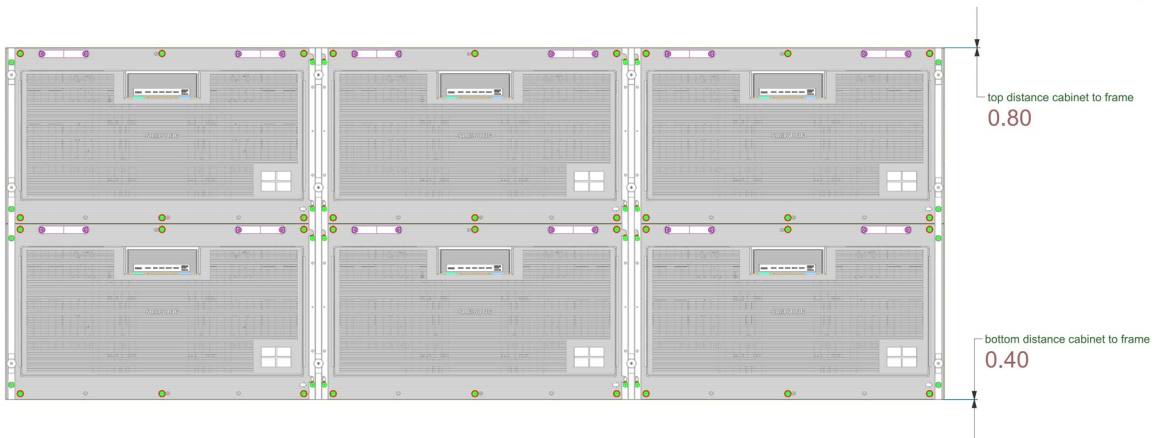
| | | |
|----------------------|-------------------------------------------------------------|-------------------------------------------------|
| Physical Parameter | Pixel Pitch | 2.5mm |
| | Diode Type | Surface Mount Device (SMD) |
| | Dimensions (mm, LxHxD, per cabinet) | 960x540x79.5 mm |
| | Diagonal (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)

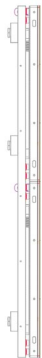
TOP VIEW



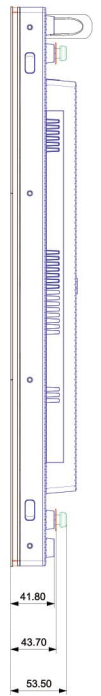
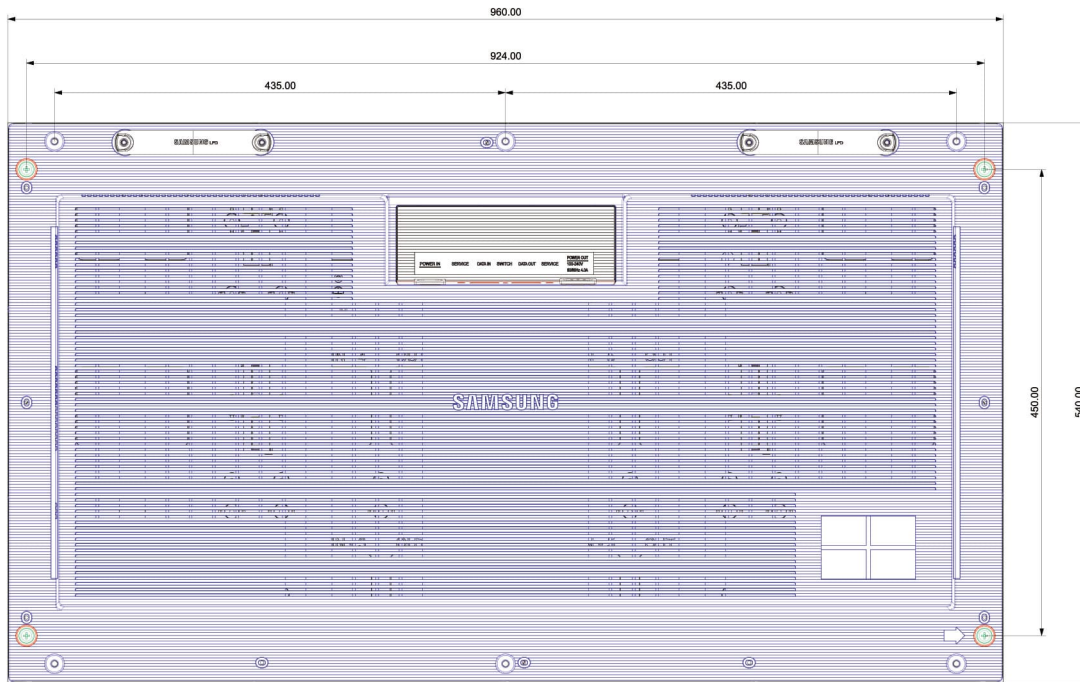
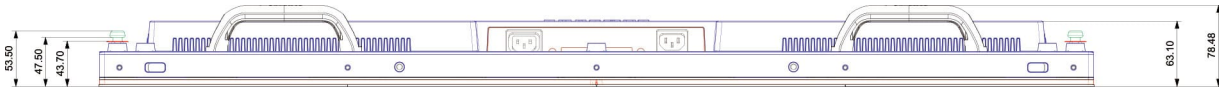
REAR VIEW



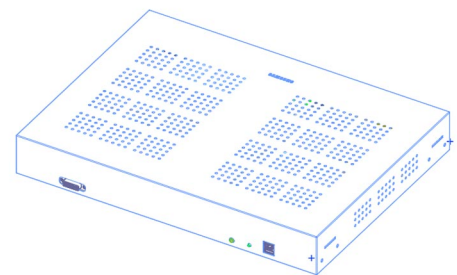
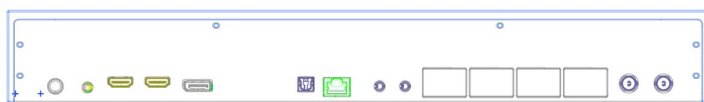
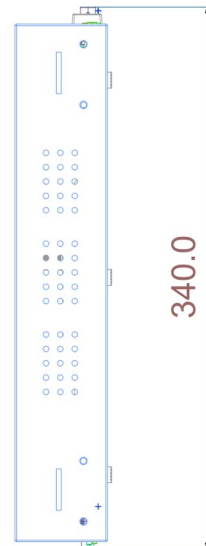
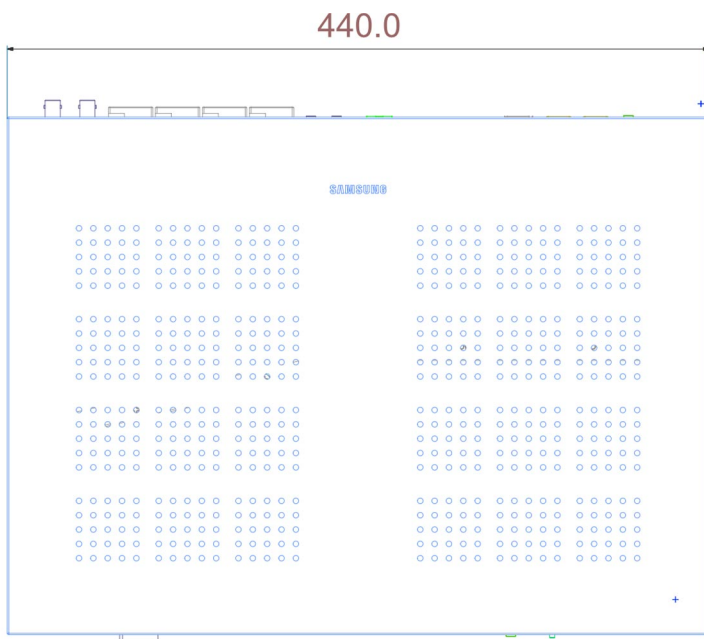
SIDE VIEW



Mechanical Drawing(Cabinet)

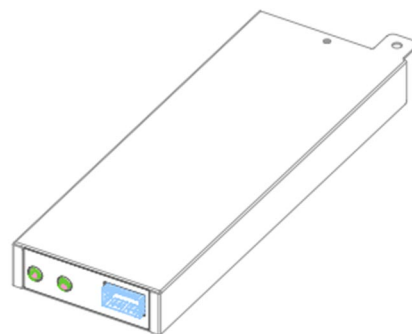
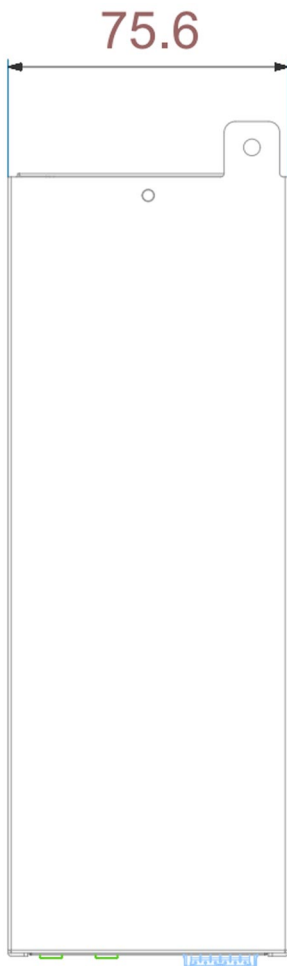


Mechanical Drawing(CS4B)



Mechanical Drawing(IG CS4B)

I/G

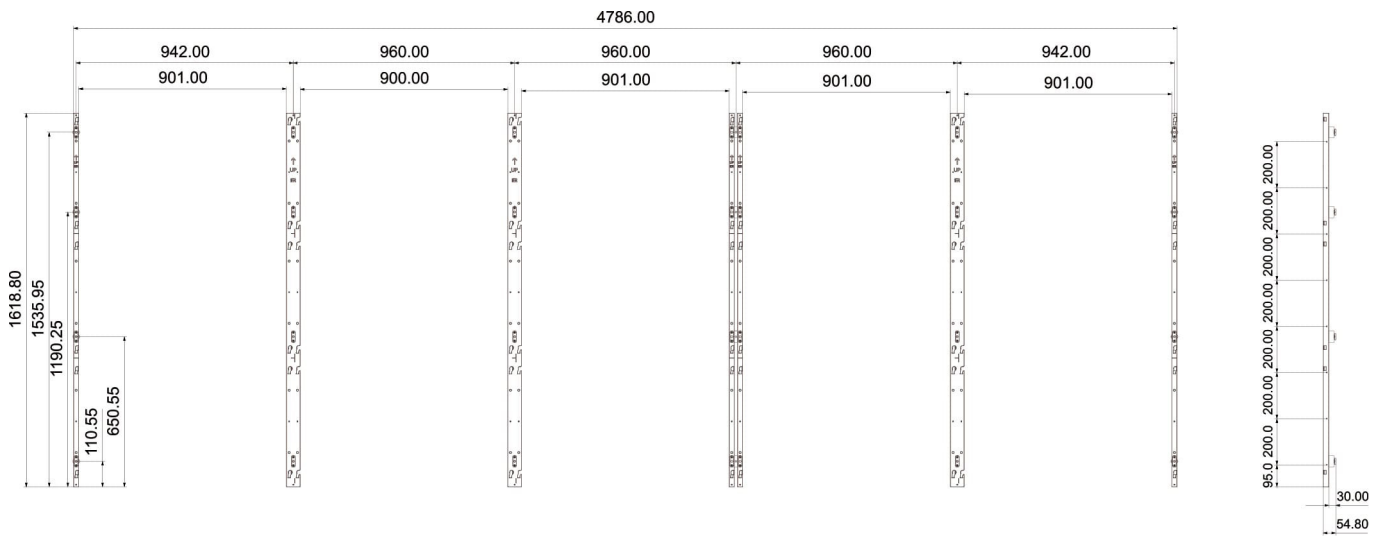


Mechanical Drawing(Frame Kit)

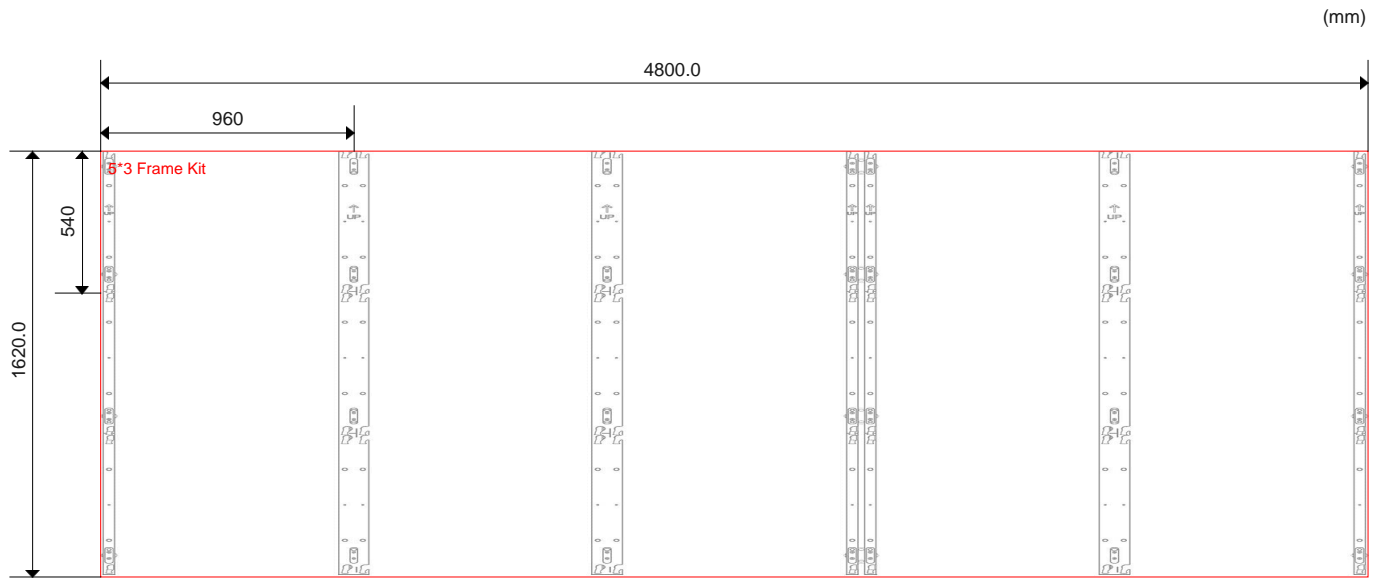
| Model Code | Required Quantity |
|-------------------|--------------------------|
| VG-LFR84FWL | 0 Unit |
| VG-LFR44FWL | 0 Unit |
| VG-LFR53FWL | 1 Unit |
| VG-LFR33FWL | 0 Unit |
| VG-LFR52FWL | 0 Unit |
| VG-LFR11SWL | 0 Unit |

Mechanical Drawing(Frame Kit)

VG-LFR53FWL

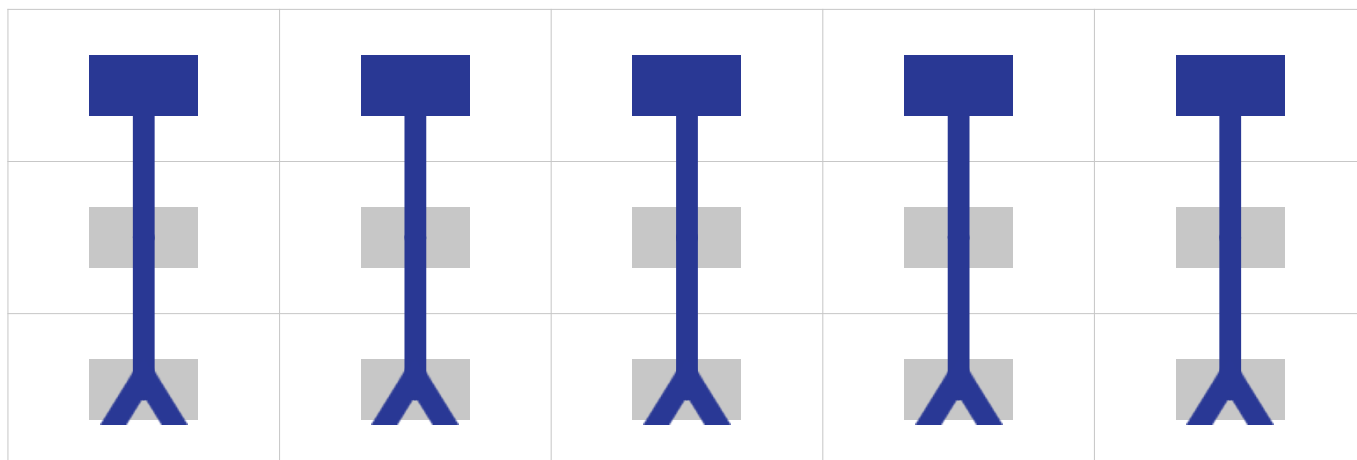


Mechanical Drawing(Frame Kit)







* This figures below is the cabinet length on mounted position

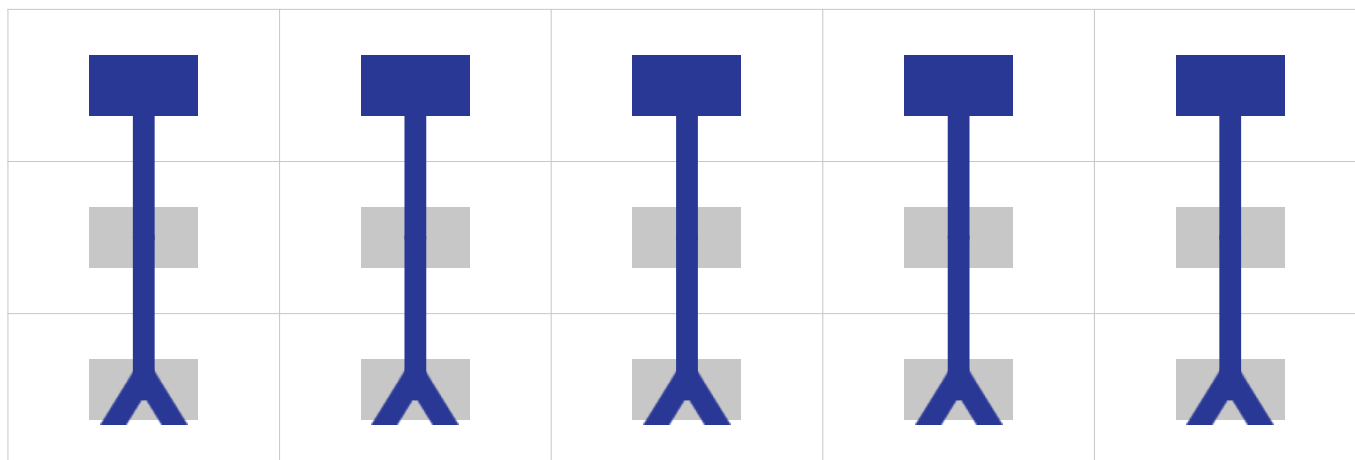
Power Flow Diagram(110V)







** 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