

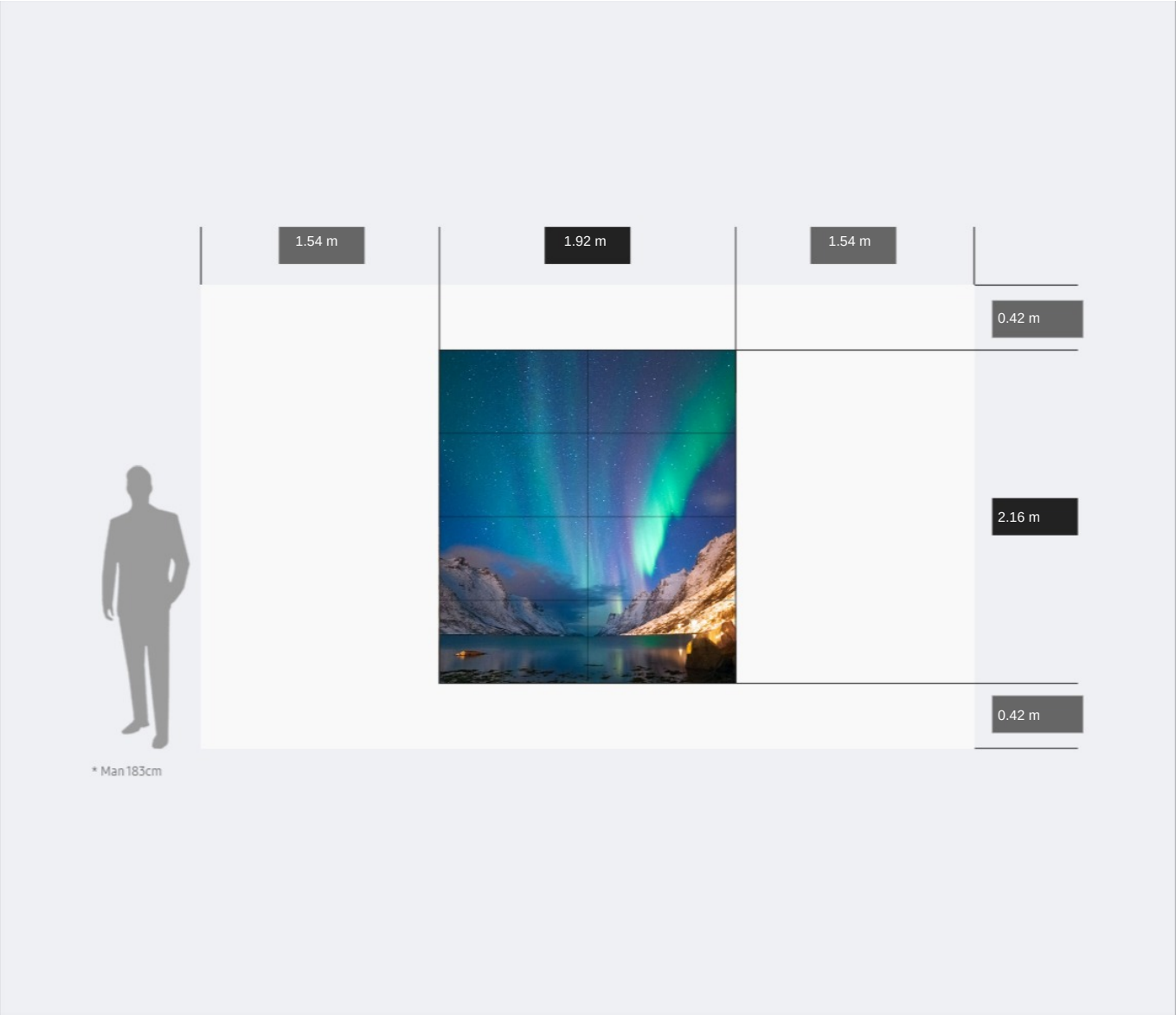
Project Description

Vetrina
[Indoor Model IF025R]



Indoor LED signage has become an increasingly popular tool for businesses of all sizes to deliver crisp and compelling messages to customers. Samsung's IFR series combines best-in-class LED picture quality, flexible design options and efficient operation in any environment. Advanced picture refinement technology ensures every image provides an immersive viewing experience, with comprehensive calibration tools to ensure all LED displays maintain uniform picture quality. Brilliant, true-to-life image capabilities are supported by multiple installation options for hassle-free and innovative configurations, as well as efficient operation at all times.

LED Configuration Rendering
[Indoor Model IF025R]



Screen Specification

Model Name **IF025R**

Display Requirements	Screen Configuration (WxH)	2 Units x 4 Units
	No. of Cabinets	8 Units
	No. of Spare Cabinets	1 Unit
	Total No. of Cabinets	9 Units
Display Wall Dimensions	Dimensions	1.92 X 2.16 m
	Display Area	4.15 m ²
	Diagonal	113.77 inch
	Weight	99.2 Kg
Optical Parameter	Resolution	768 X 864
	Q'ty. of S-Boxes	1 Unit
Power Requirements	Max	2080 Watts
	Typical	696 Watts
Heat Generation	Max	7104 BTU
	Typical	2376 BTU

* Specifications are subject to change without notice.

* 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	80	160

Ventilation Guide (A case Dynamic Peaking function is deactivated)

(CFM)

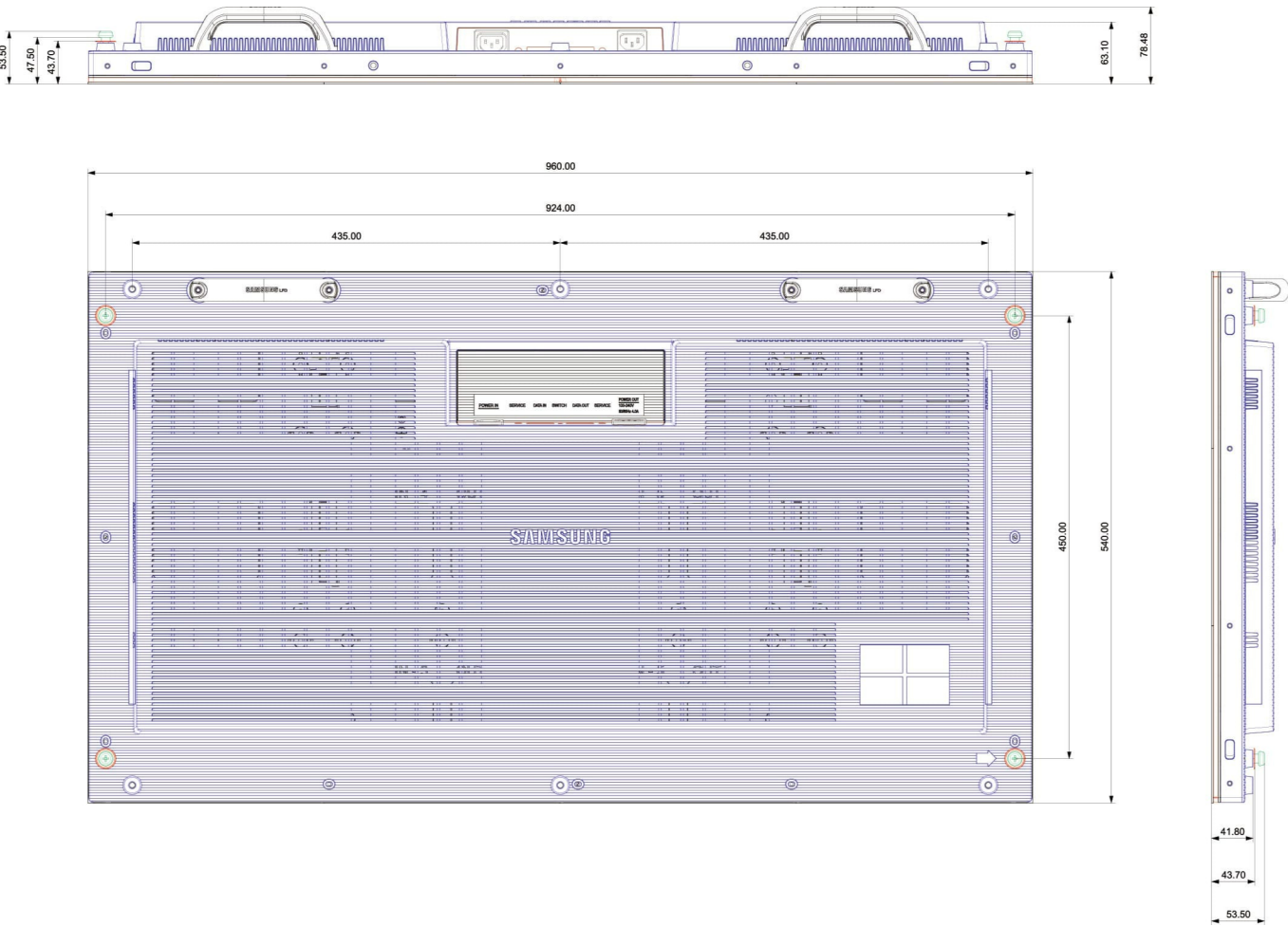
Temperature	FAN flow per a column	Total FAN flow
15°C	0	No fan required
20°C	0	No fan required
25°C	0	No fan required
30°C	0	No fan required

Product Specification

Model Name **IF025R**

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)	43.3 x 3.13 inch
	Weight (per cabinet/per m²)	12.4 kg / 23.9 kg
Optical Parameter	Brightness (Peak/Max)	2,000 nit / 1,000 nit
	Contrast Ratio (Peak/Max)	8,000:1
	Viewing angle - Horizontal	160°
	Viewing angle - Vertical	160°
	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	502 (W/m²) / 260 (W/Cabinet)
	Power consumption - Typ	168 (W/m²) / 87 (W/Cabinet)
	Heat generation – Max(BTU/m² , BTU/cabinet)	1,713 (BTU/m²) / 888 (BTU/Cabinet)
	Heat generation – Typical(BTU/m² , BTU/cabinet)	574 (BTU/m²) / 297 (BTU/Cabinet)
	Refresh rate	6,480Hz
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	EMC Class A, Safety 60950-1	EMC Class A, Safety 62368-1, 60950-1
Service	Service	Front
Package	Box Dimension (mm, LxHxD)	1,119 x 206 x 699 mm
	Box Volume (m³)	N/A
	Package Weight (kg, per cabinet)	18.1 kg

Mechanical Drawing(Cabinet)

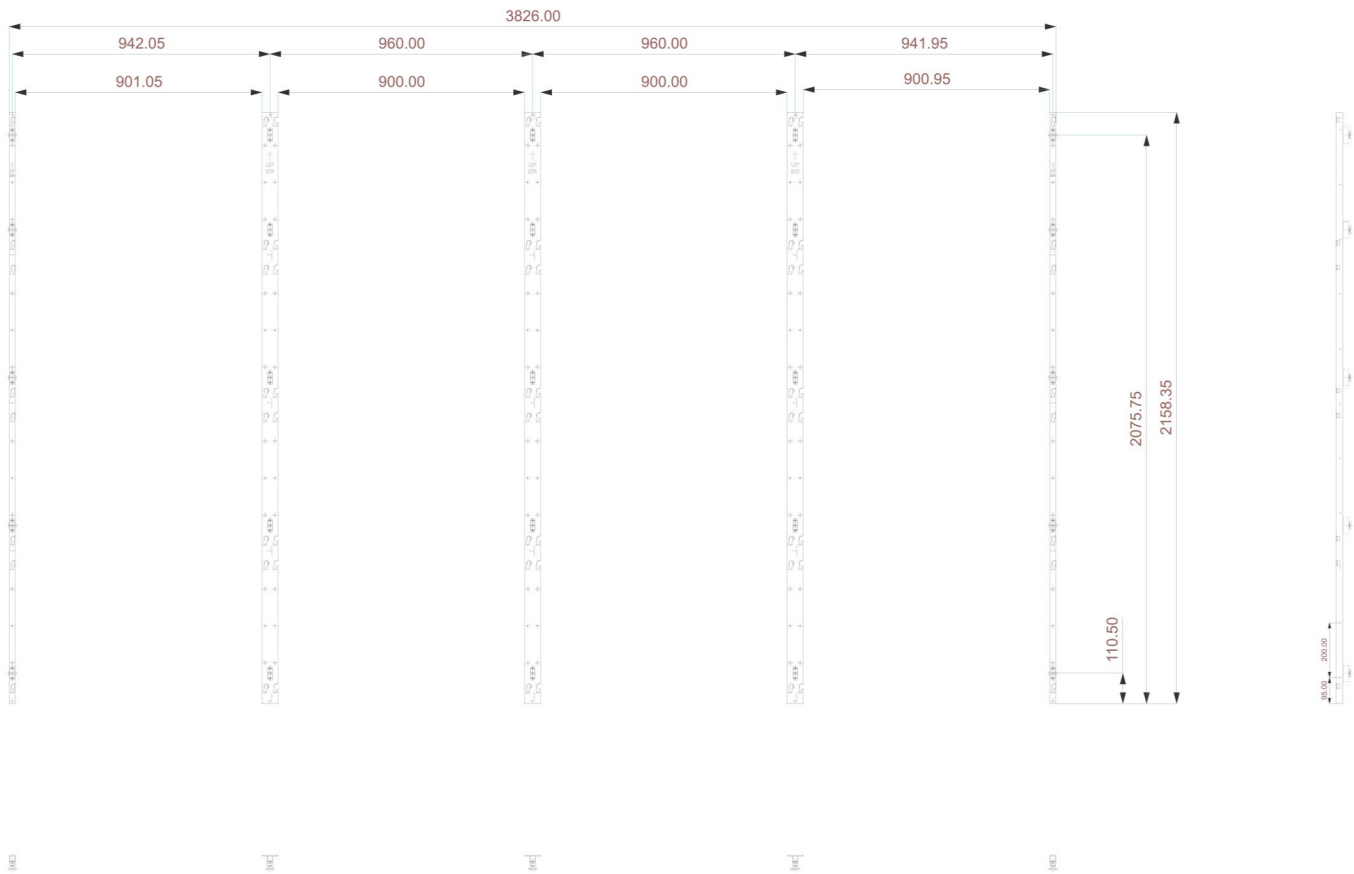


Mechanical Drawing(Frame Kit)

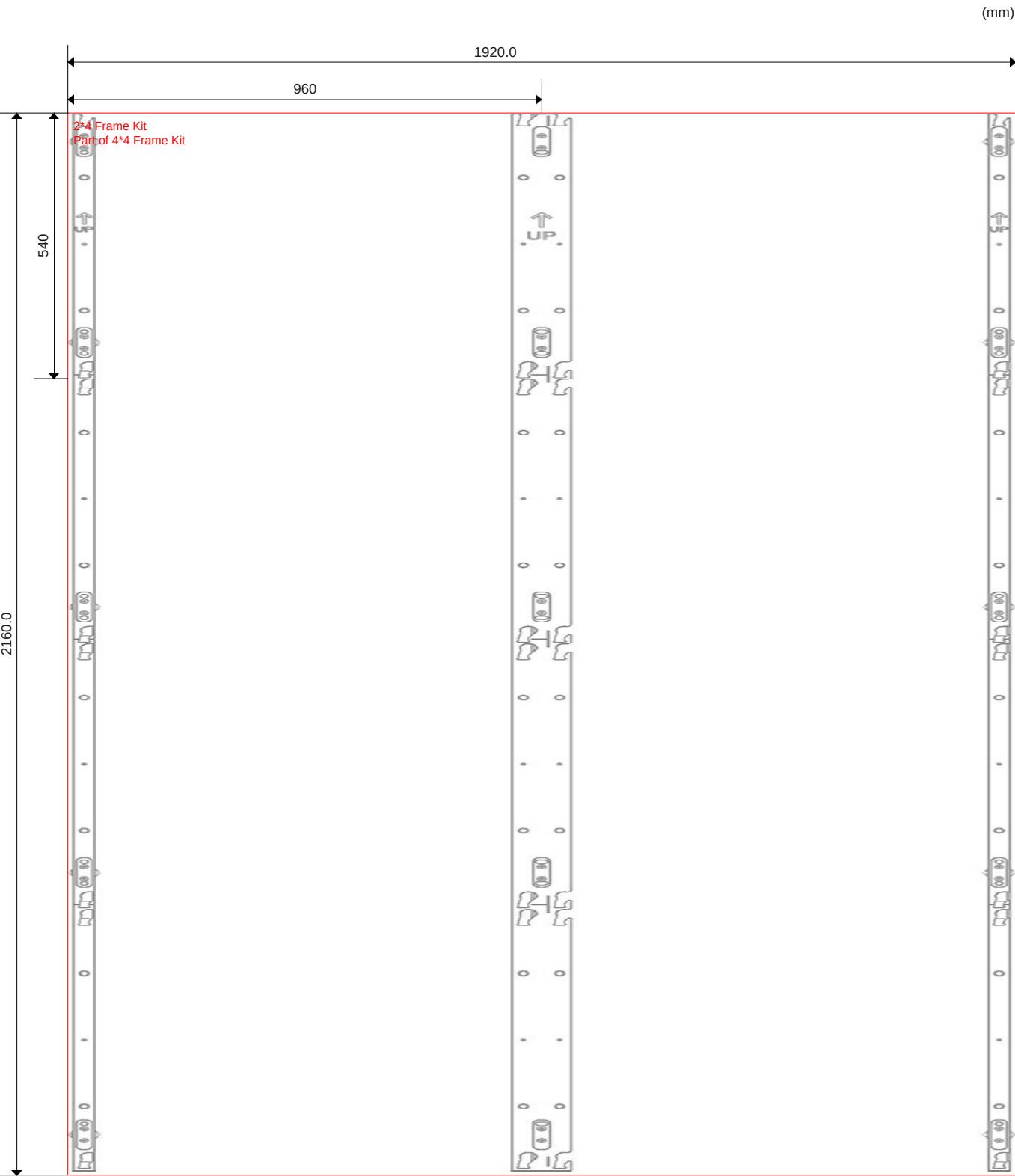
Model Code	Required Quantity
VG-LFR84FWL	0 Unit
VG-LFR44FWL	1 Unit
VG-LFR53FWL	0 Unit
VG-LFR33FWL	0 Unit
VG-LFR52FWL	0 Unit
VG-LFR11SWL	0 Unit

Mechanical Drawing(Frame Kit)

VG-LFR44FWL

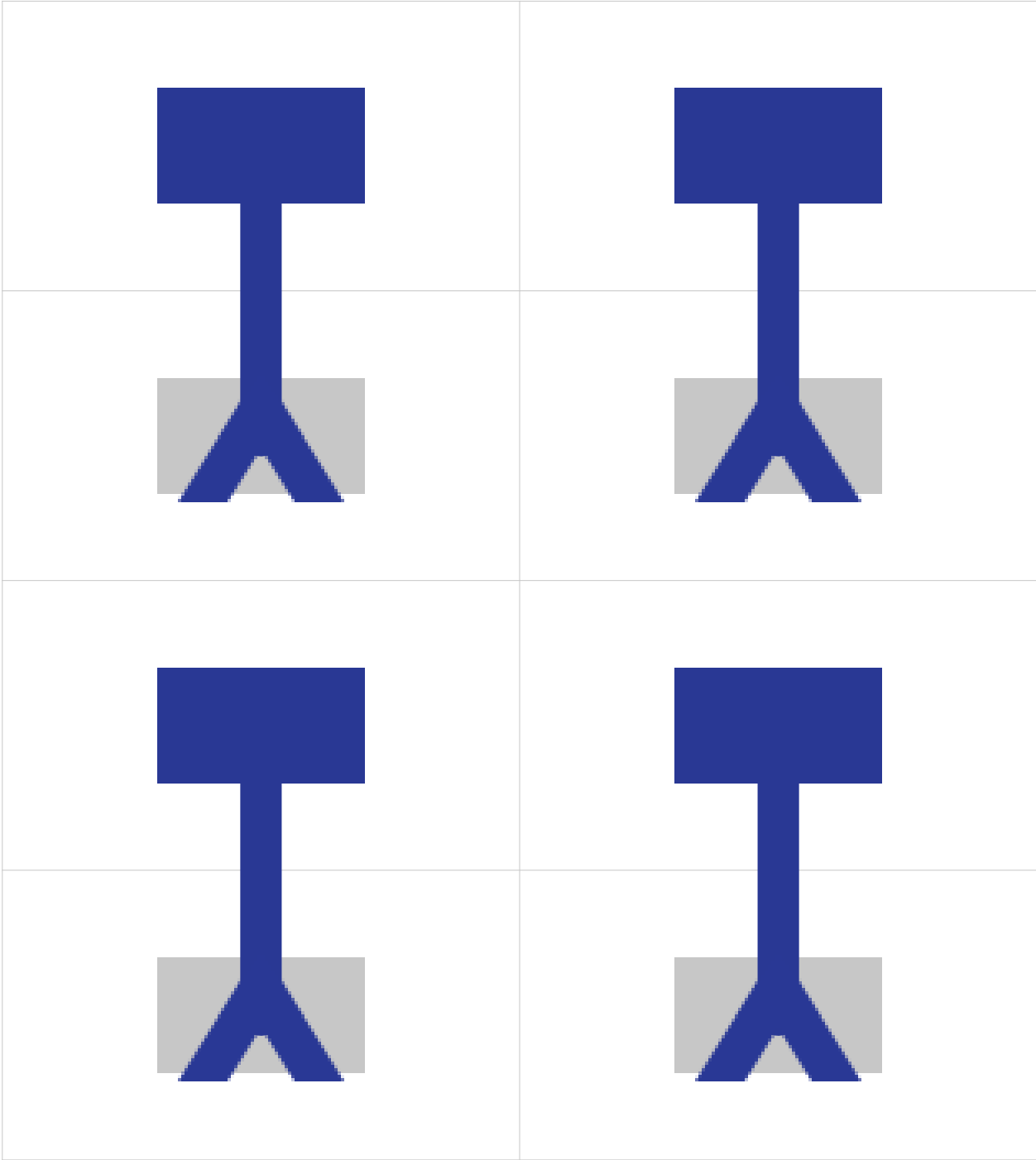


Mechanical Drawing(Frame Kit)



* This figures below is the cabinet length on mounted position

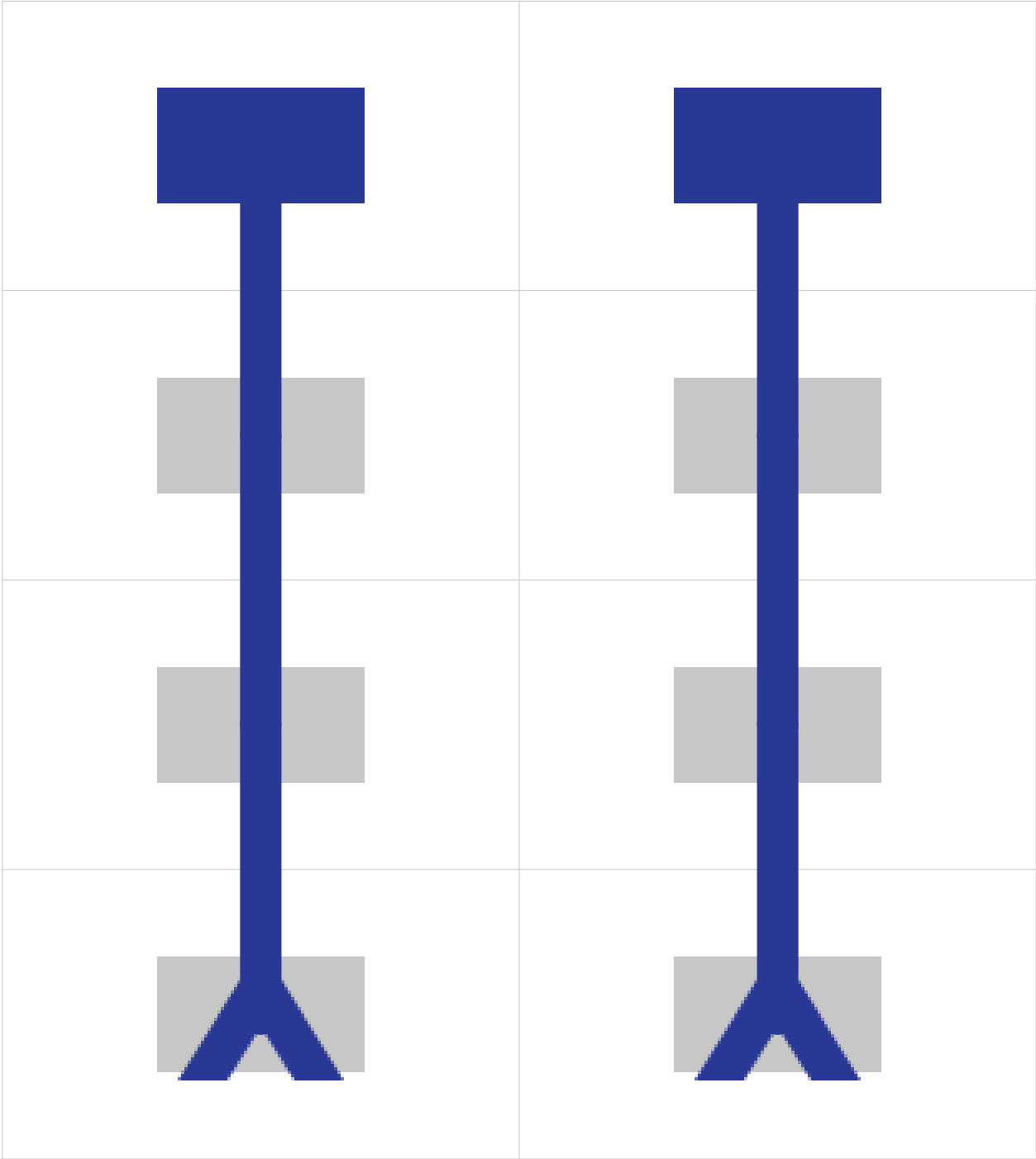
Power Flow Diagram(110V)



** 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

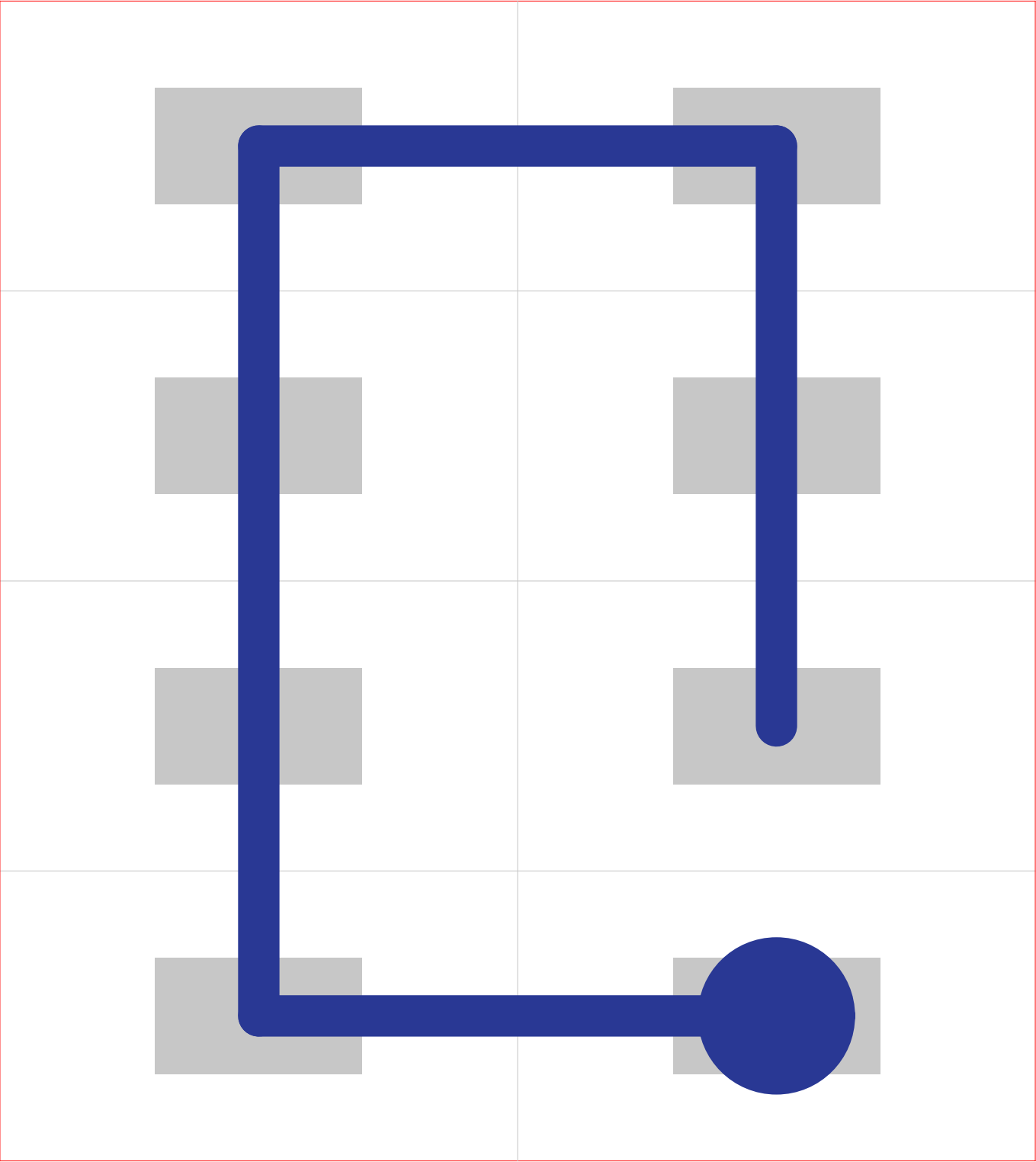
Power Flow Diagram(220V)



** 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

Data Flow Diagram



- Primary Video Cable Input
- Video & Communication Input
- Video & Communication Cables

Production Information



IF025R

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