Indoor LED Signage **IE025A**

# RAMA JUDICIAL PEREIRA

- **Creator Name**
  ANGIE ANDRADE

- **Project ID**
  VENEPLAST

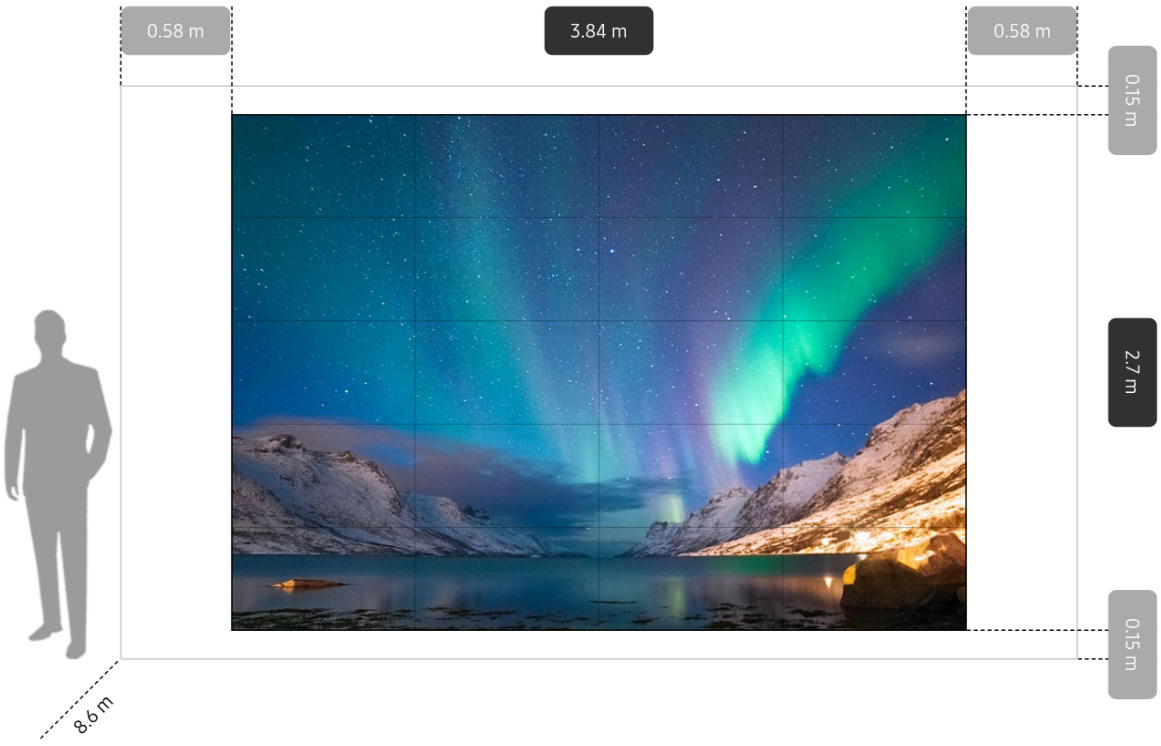
- **Customer Name**
  IMPRESISTEM

* 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 : 22nd January, 2026


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.

# Indoor LED Signage **IE025A**



Screen Specifications

## Model Name IE025A

| | | | |
|---|---|---|---|
| Screen Configuration | | | 4 Units x 5 Units |
| Screen Specifications | Length x Height | | 3.84 x 2.7 m |
| | Area | | 10.368 m² |
| | Diagonal | | 184.811 inch |
| | Weight(Only Cabinets) | | 216.0 Kg |
| | Optimal Viewing Distance | | 8.6 m |
| Optical Parameter | Resolution | | 1536 x 1080 |
| Power Requirements | Max | | 3600 Watts |
| | Typical | | 1200 Watts |
| | 110V 20A Circuits | 20A Circuit | 3 Circuits |
| | | Cabinets per circuit | 9 Cabinets |
| | | Cabinets per daisy chain | 3 Cabinets |
| | 208V 20A Circuits | 20A Circuit | 2 Circuits |
| | | Cabinets per circuit | 18 Cabinets |
| | | Cabinets per daisy chain | 6 Cabinets |
| Heat Generation | Max | | 12280 BTU |
| | Typical | | 4100 BTU |
| Customer Selection | Orientation | | Landscape |

Screen Components

## Model Name IE025A

| | | |
|---|---|---|
| LED Cabinets | No. of Cabinets | 20 Units |
| | No. of Spare Cabinets | 1 Unit |
| | Total No. of Cabinets (LH025IEACLS) | 21 Units |
| S-Box | SBB-CS4BPGS(SBB-SNOWJMU) | 1 Unit |
| | SBB-CS4BPGS(Spare) | 1 Unit |
| Jig | CY-LJRNLS | 1 Unit |
| Frame Kit | VG-LFR53FWL | 1 Unit |
| | VG-LFR52FWL | 1 Unit |

* 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)

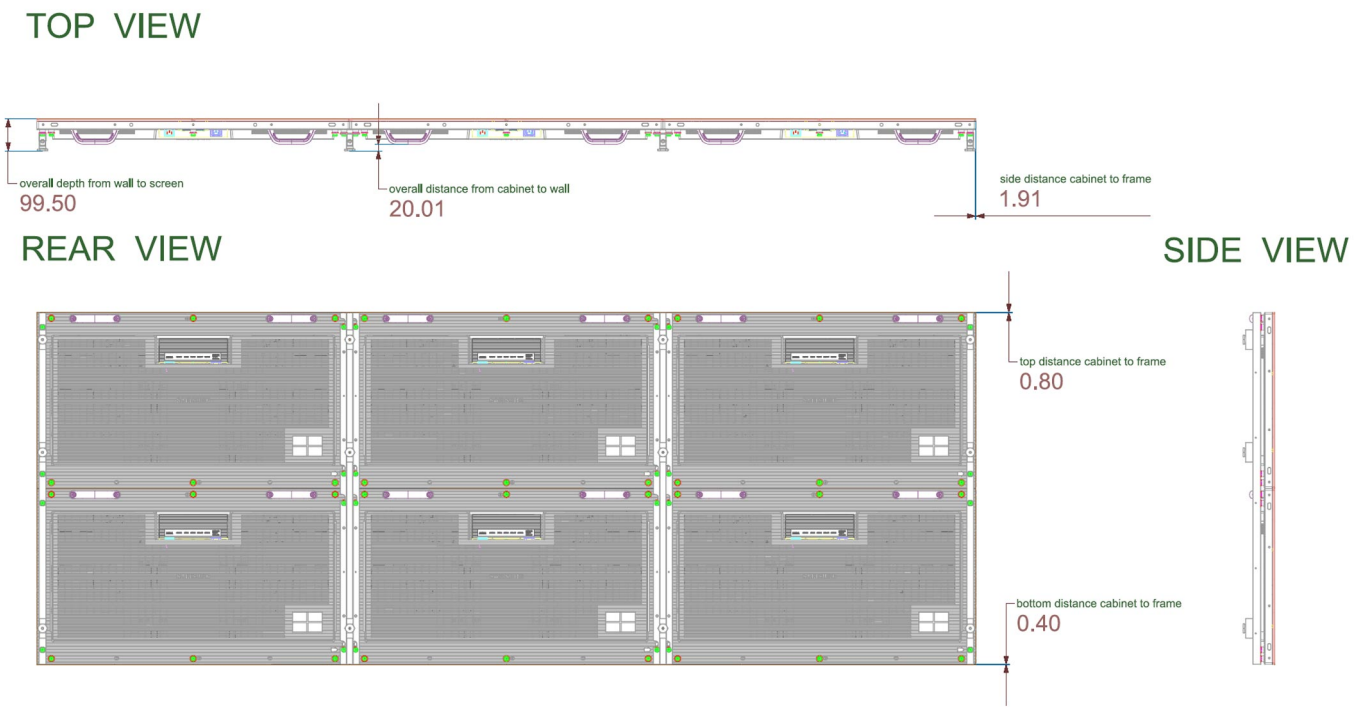
| Temperature | FAN flow per a column | Total FAN flow |
|---|---|---|
| 15°C | 0 | No fan required |
| 20°C | 0 | No fan required |
| 25°C | 0 | No fan required |
| 30°C | 0 | No fan required |

Product Specification

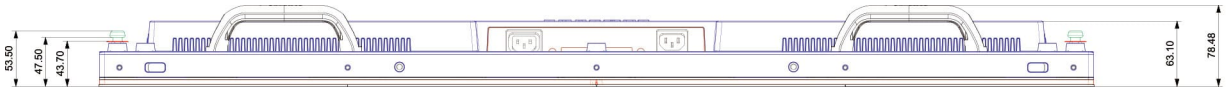
## Model Name IE025A

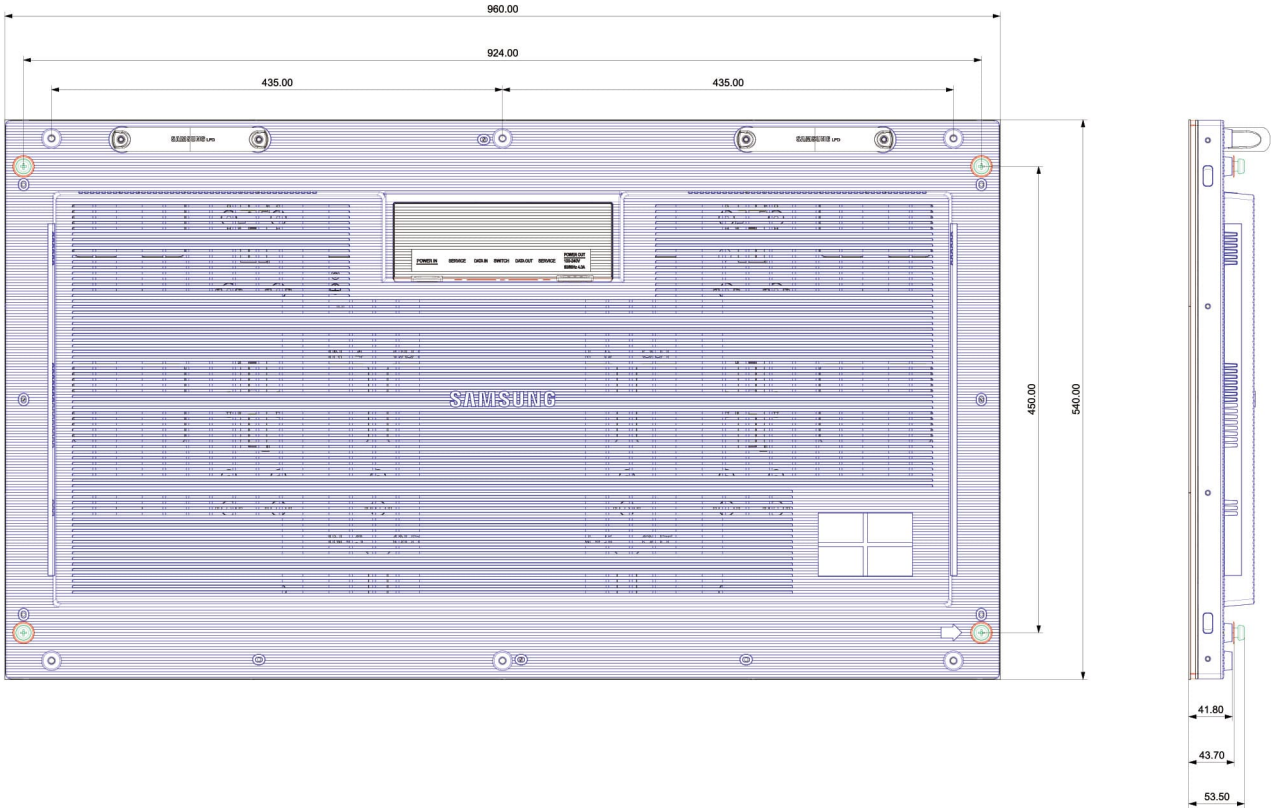
| | | |
|---|---|---|
| Physical Parameter | Pixel Pitch | 2.5mm |
| | Diode Type | SMD 3-in-1 2121 |
| | Dimensions (mm, LxHxD, per cabinet) | 960x540x79.5 mm |
| | Diagonal (inch, DiagonalxD, per cabinet) | 43.3x3.13 inch |
| | Weight (per cabinet/per m²) | 10.8 kg / 20.8 kg |
| Optical Parameter | 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/m²) / 180 (W/Cabinet) |
| | Power consumption - Typ | 116 (W/m²) / 60 (W/Cabinet) |
| | Heat generation – Max | 1,185 (BTU/m²) / 614 (BTU/Cabinet) |
| | Heat generation – Typical | 395 (BTU/m²) / 205 (BTU/Cabinet) |
| | Refresh rate | 3,840 Hz |
| | Visual Refresh Rate | 7,680 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 |
| | Package Weight (kg, per cabinet) | 16.5 kg |

Mechanical Overall Depth Drawing(Cabinet)

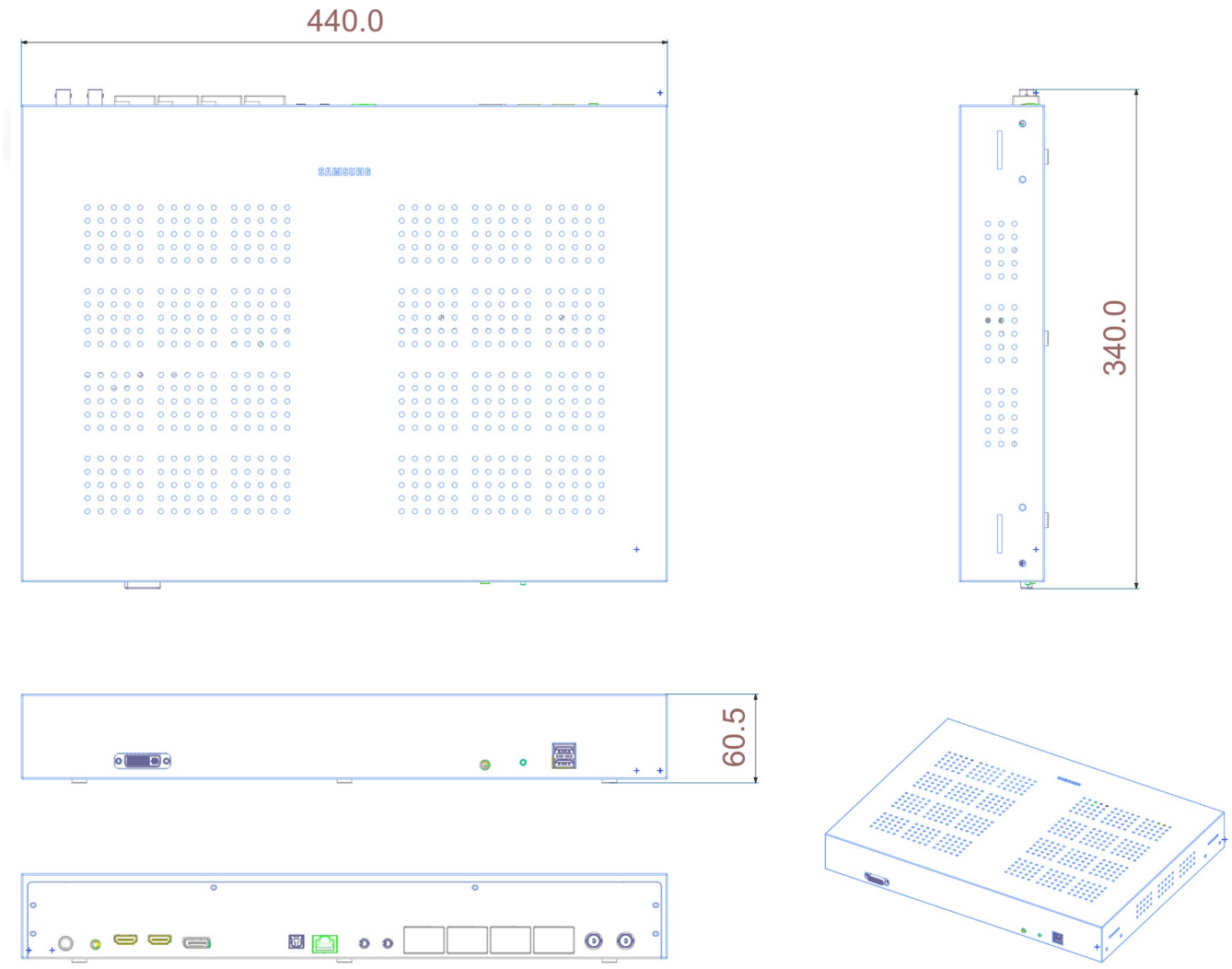


## Mechanical Drawing(Cabinet)

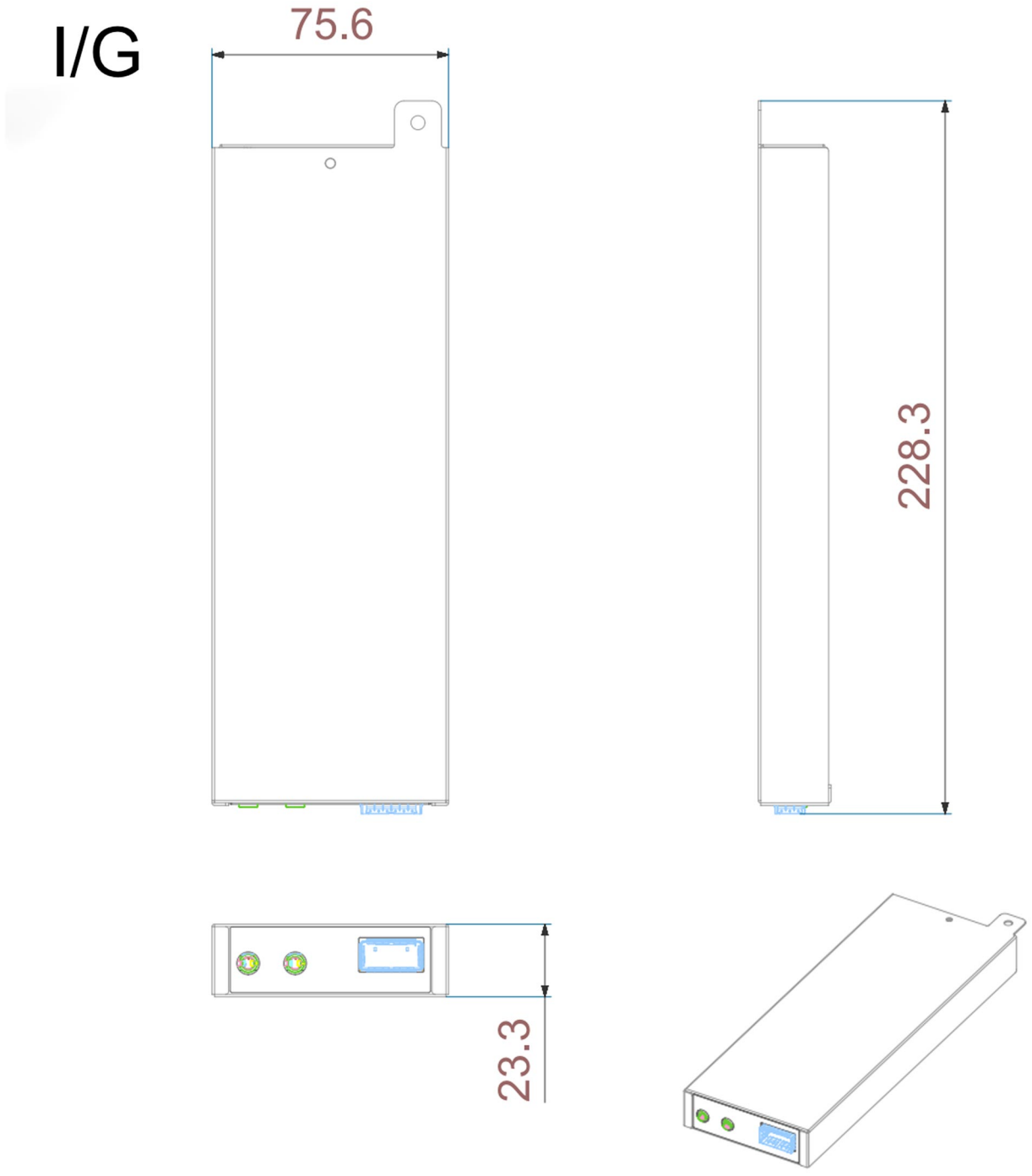


## Mechanical Drawing(CS4B)

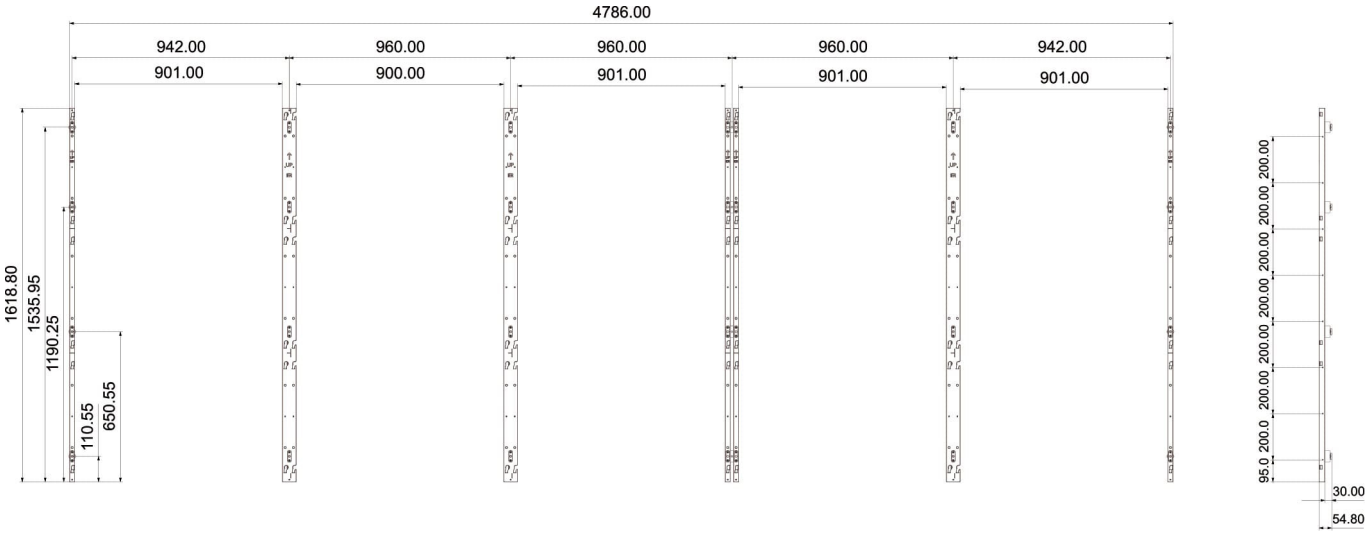


Mechanical Drawing(IG CS4B)



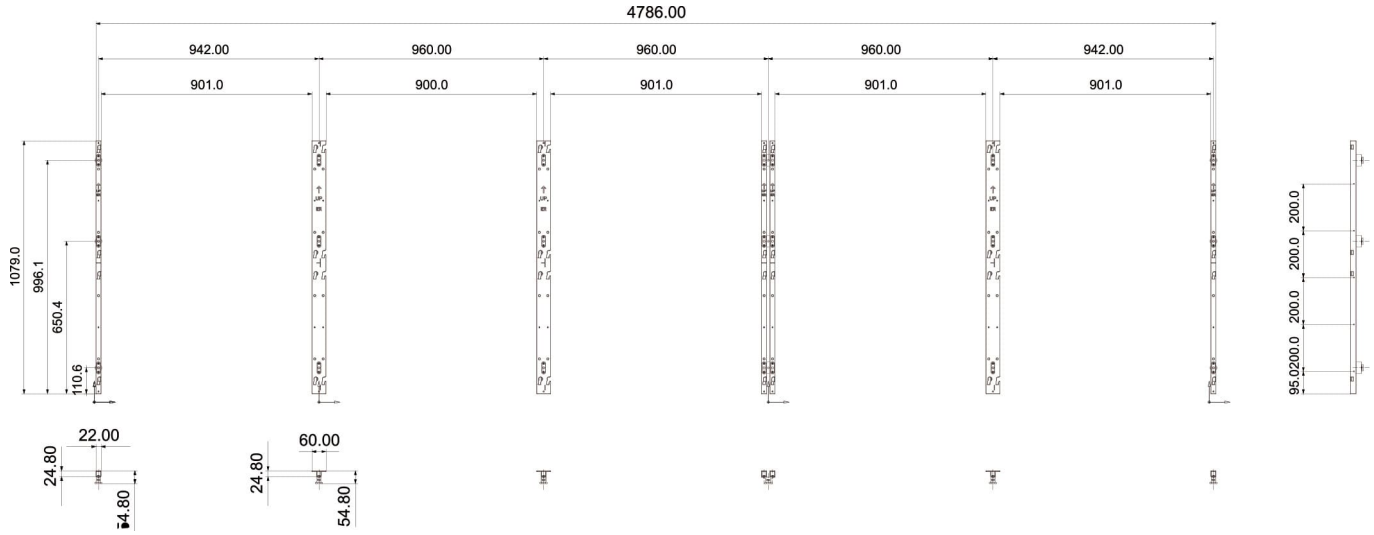
## Mechanical Drawing(Frame Kit)

VG-LFR53FWL



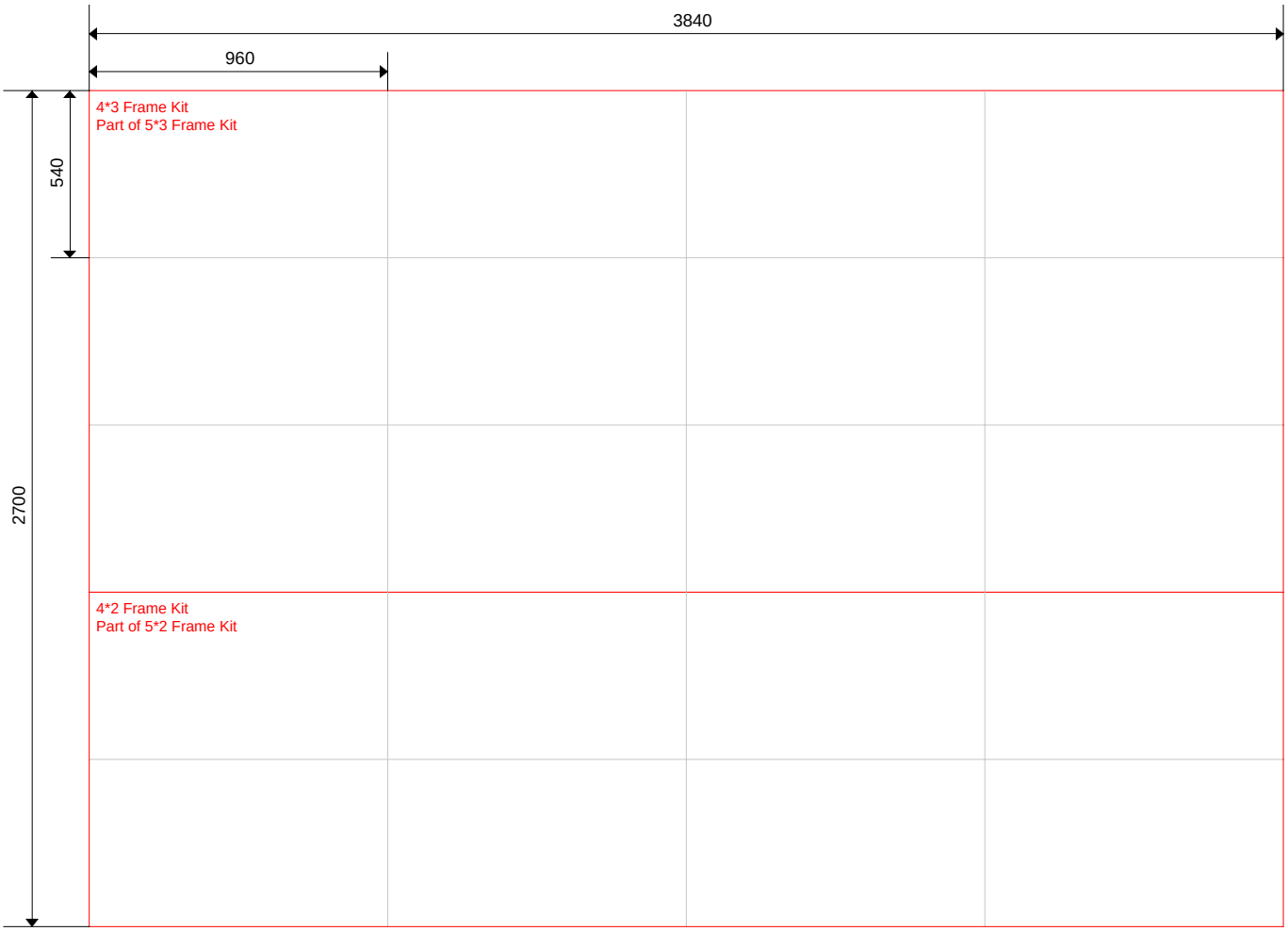
## Mechanical Drawing(Frame Kit)

VG-LFR52FWL



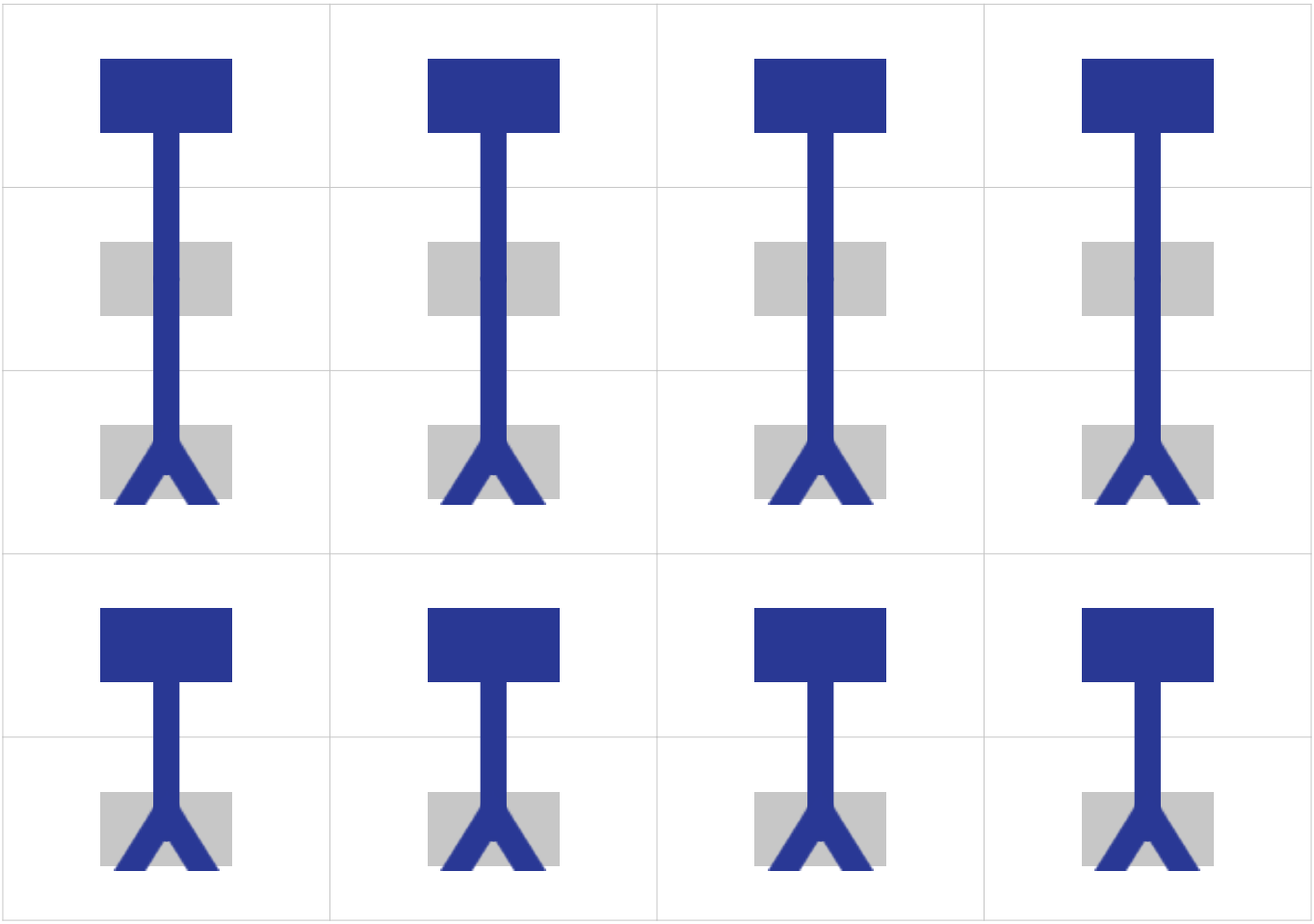
## Mechanical Drawing(Frame Kit)

(mm)




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

## Power Flow Diagram(110V, Front View)



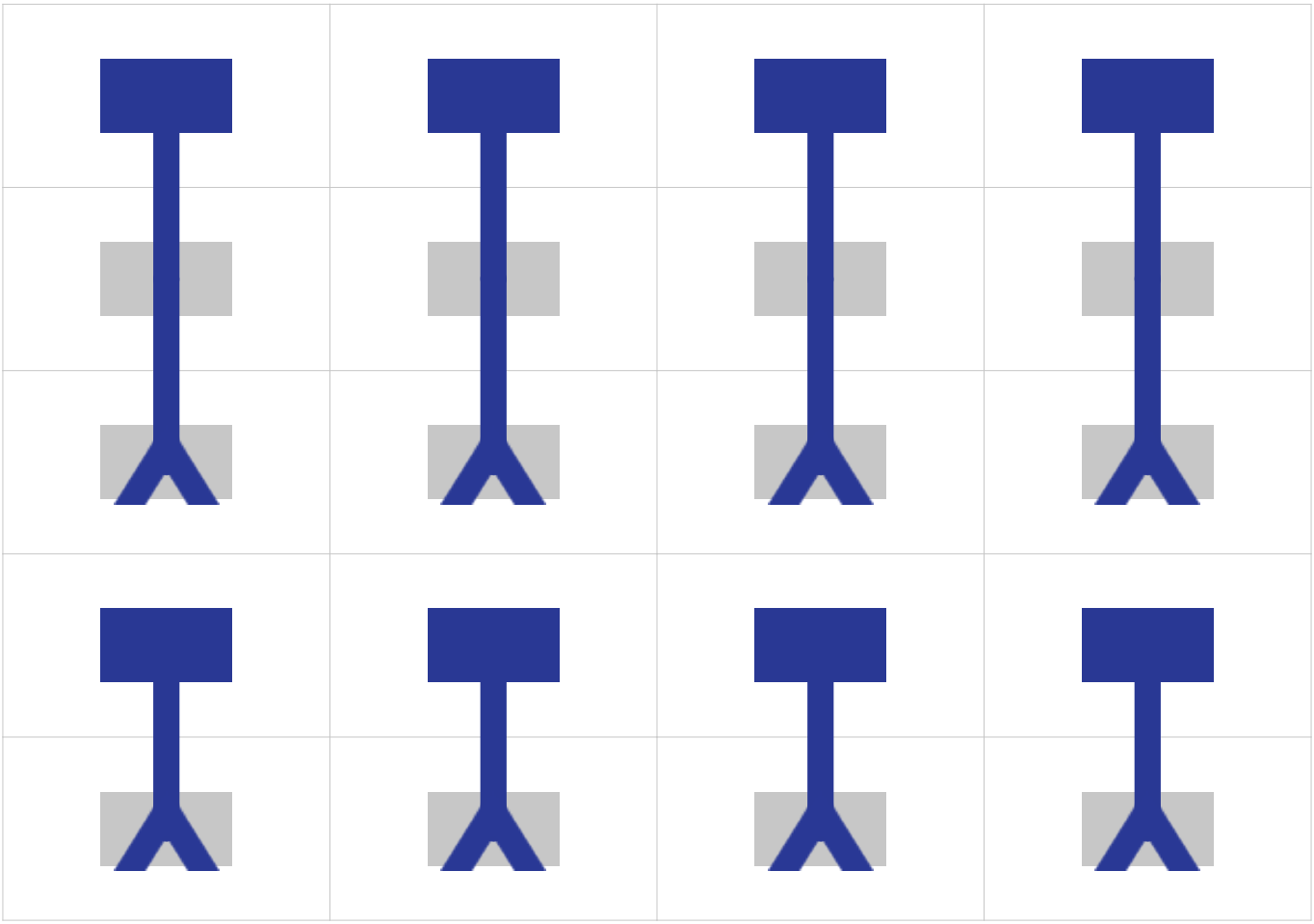
Power Interconnect Cable

Power Cable Input/Output

Primary Cable Routing End Point

Primary Power Cable Input

## Power Flow Diagram(110V, Rear View)



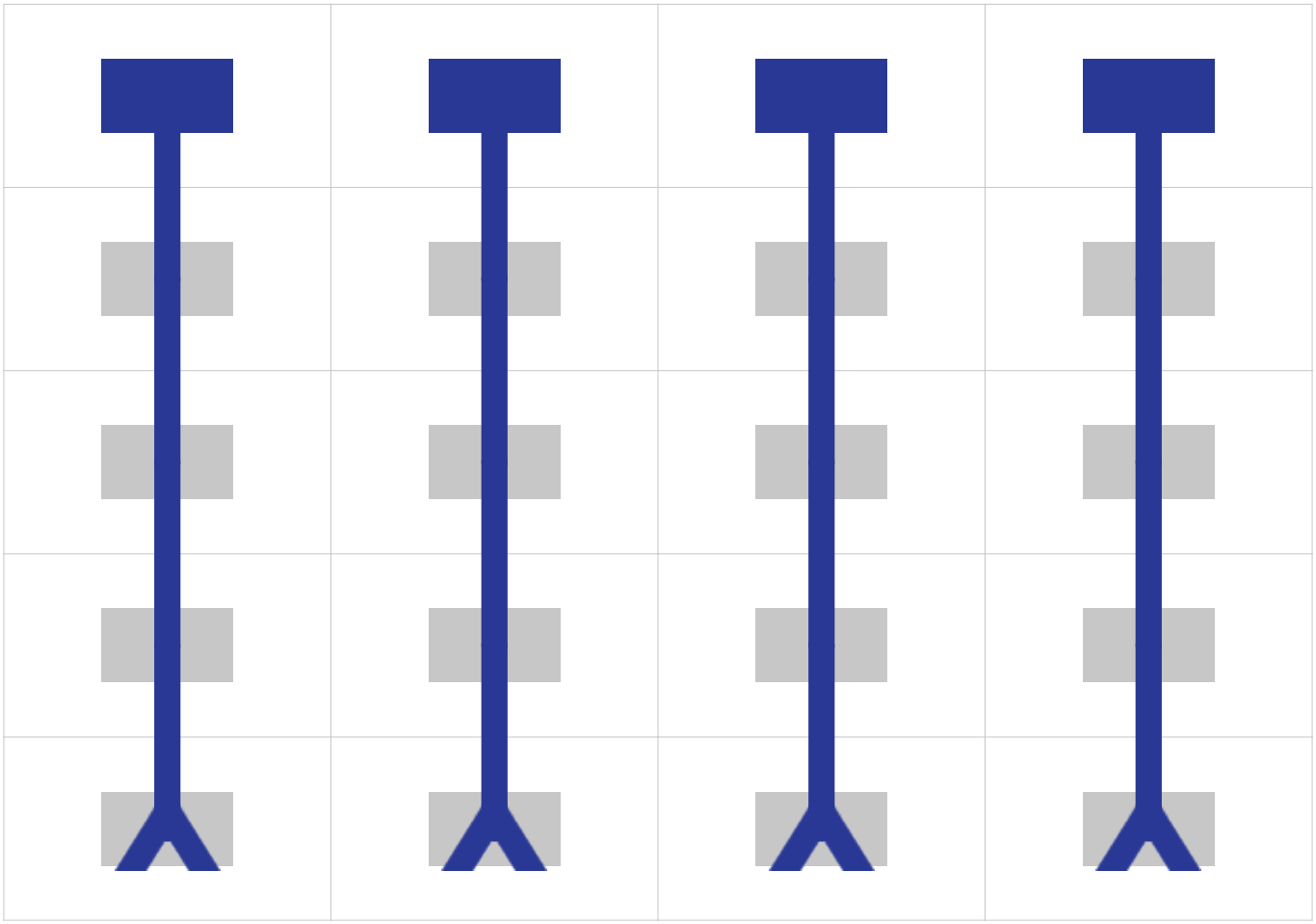
Power Interconnect Cable

Power Cable Input/Output

Primary Cable Routing End Point

Primary Power Cable Input

## Power Flow Diagram(220V, Front View)



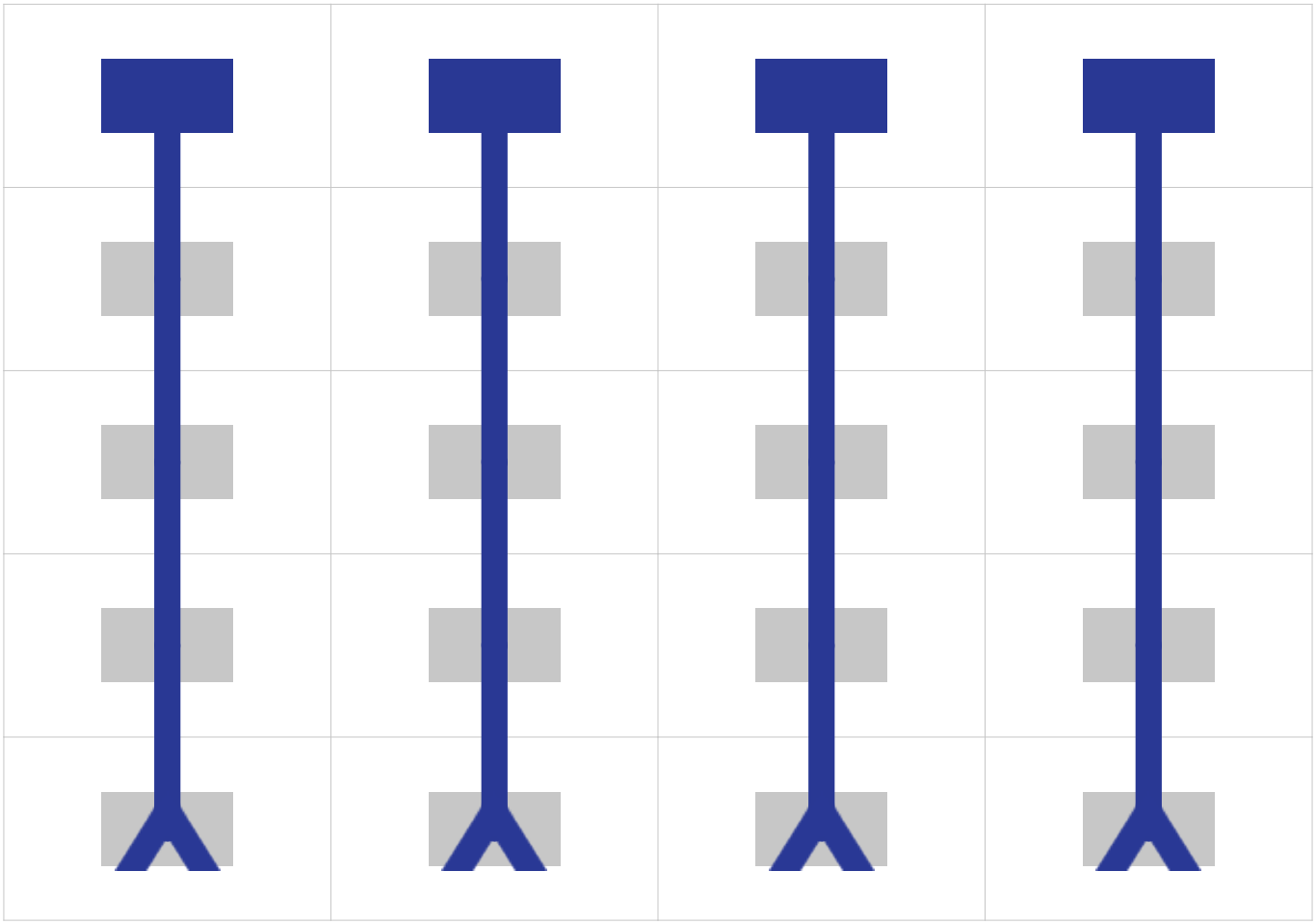
Power Interconnect Cable

Power Cable Input/Output

Primary Cable Routing End Point

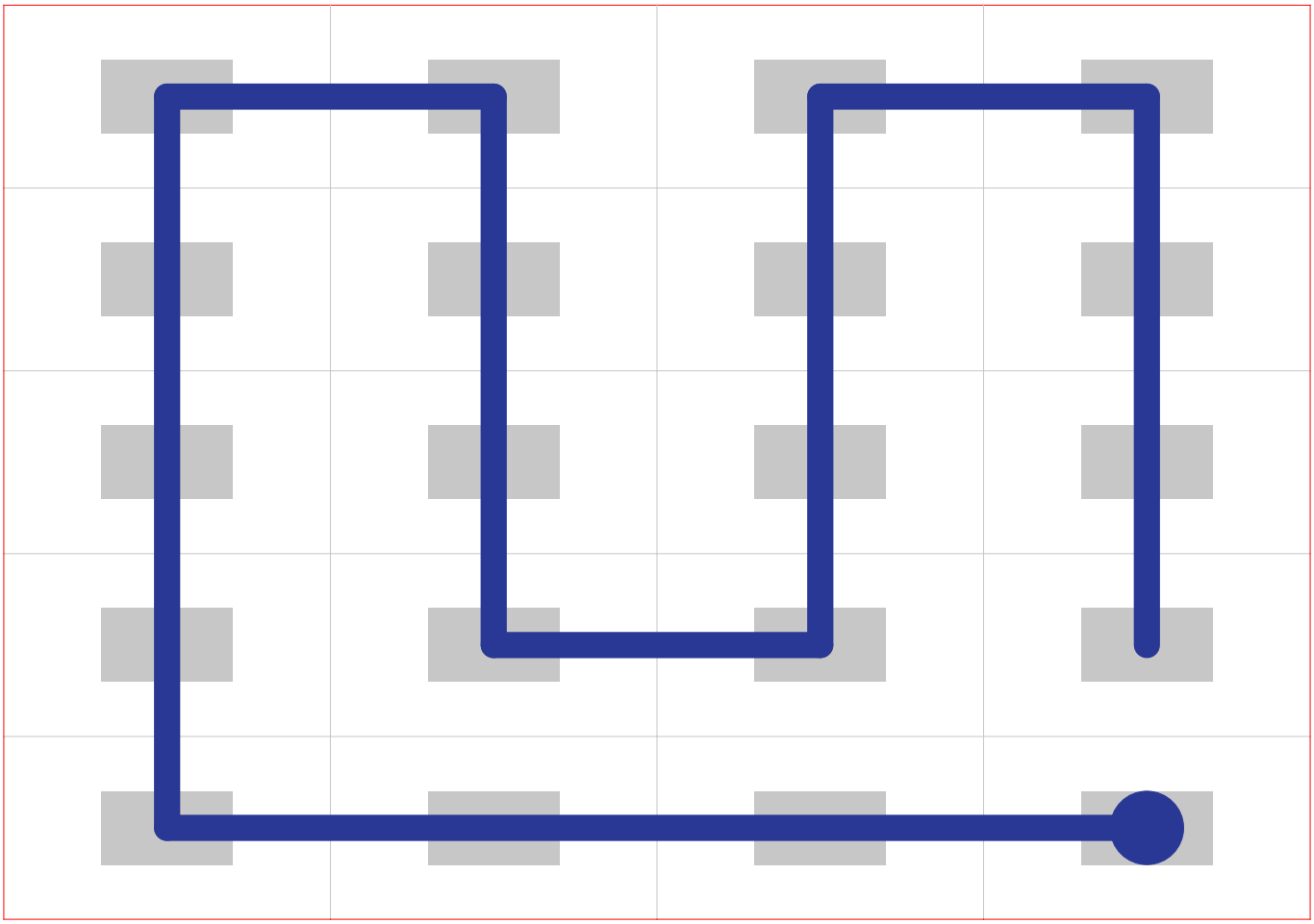
Primary Power Cable Input

## Power Flow Diagram(220V, Rear View)



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

## Data Flow Diagram(Front View)

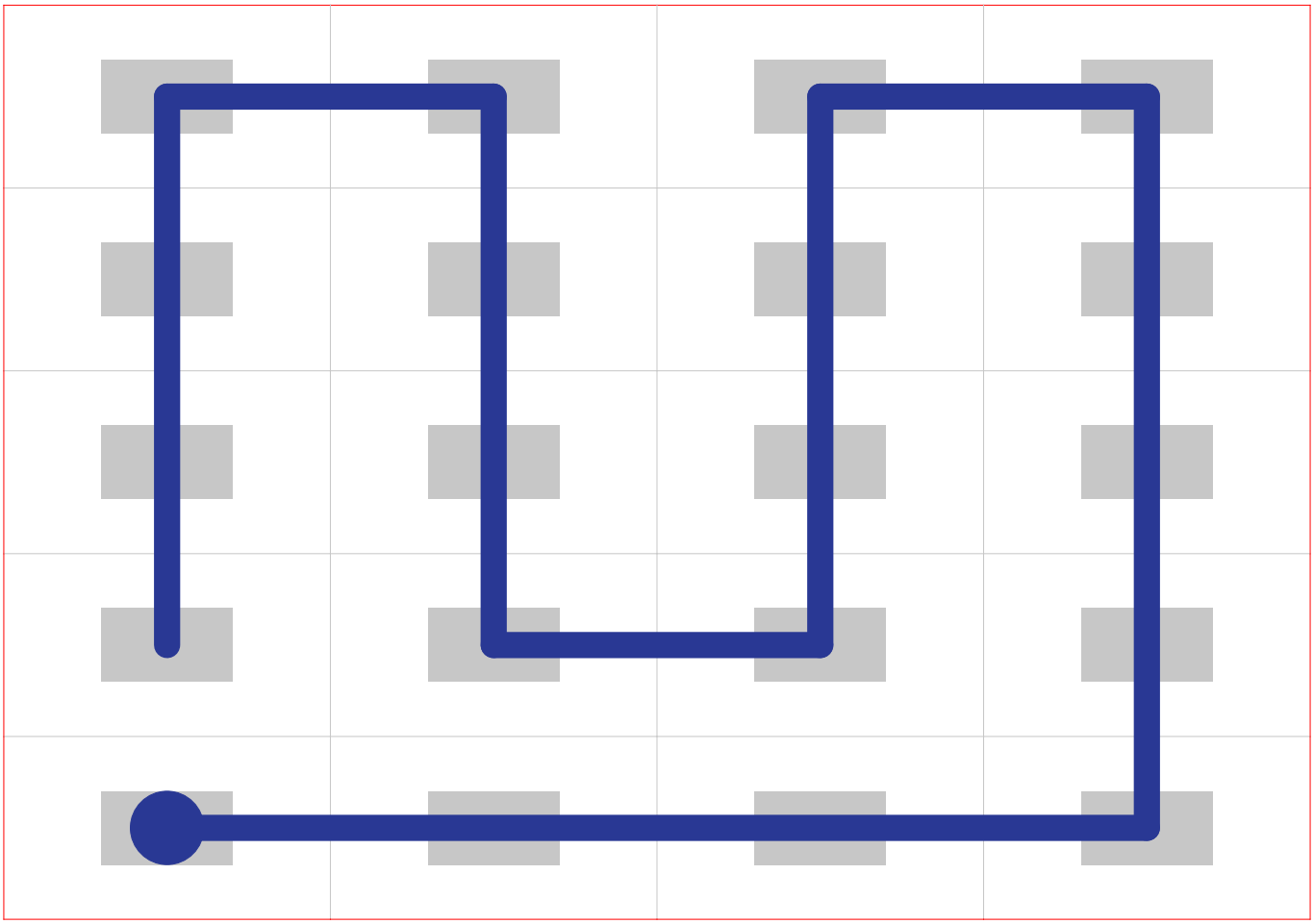


Primary Video Cable Input

Video & Communication Input

Video & Communication Cables

## Data Flow Diagram(Rear View)



Primary Video Cable Input

Video & Communication Input

Video & Communication Cables

Production Information

**IE025A**

**SBB-CS4BPGS(SBB-SNOWJMU)**