

## P1.2 Indoor Fine Pixel LED Display

### MW7812-FI-ES



## Features

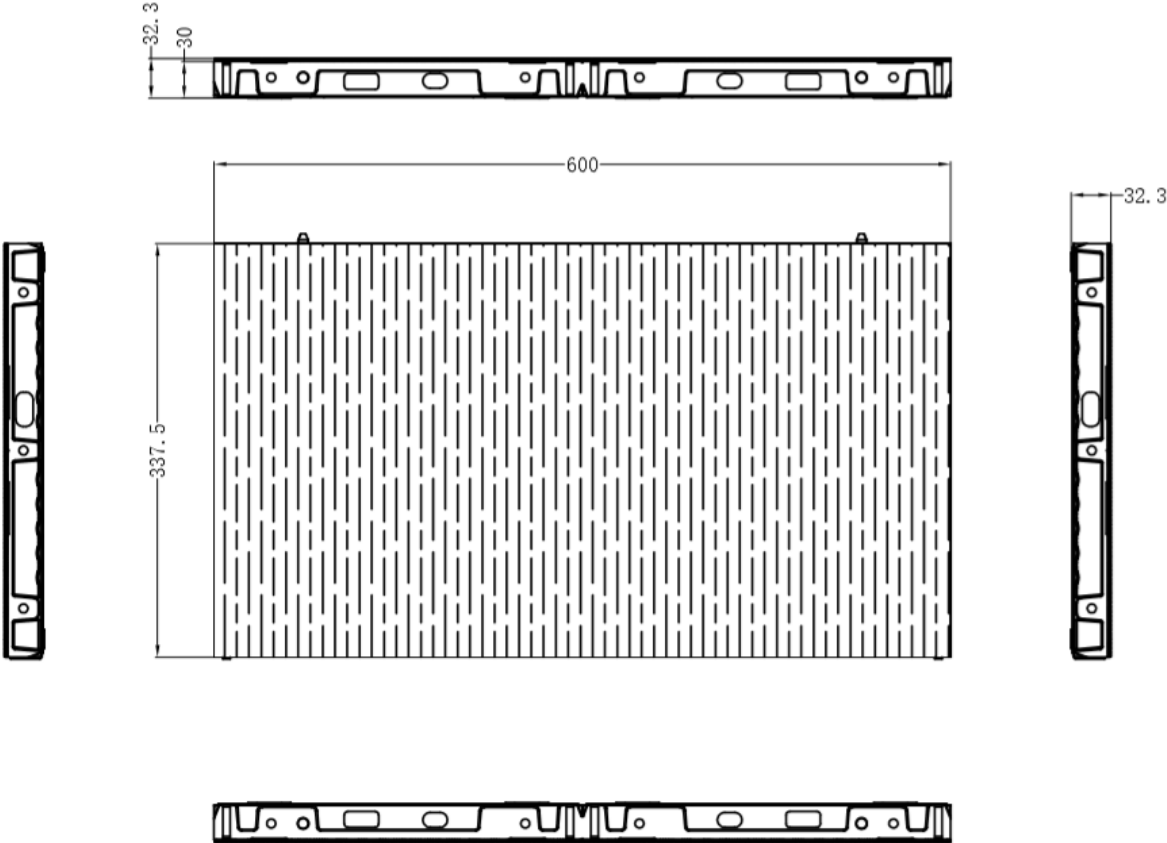
- Advanced grayscale gives detailed and realistic images.
- Seamlessly splices images without black lines on the screen.
- Simple and stylish appearance, easy to install.
- High brightness and contrast provide optimal images.
- Takes up less space with a slim and compact design.
- Long lifetime.
- Low heat, excellent heat dissipation, no noise.
- Low failure rate and maintenance cost.
- Ultra-wide viewing angle ensures satisfactory viewing experience from diversified angles.
- High refresh rate and frame frequency provide high image quality without ghosting or smearing.
- Front maintenance.
- Power supply with a wide input voltage range, strong adaptability.
- Supports wall mount without reserving space for maintenance.
- Optional dual power supplies and dual receiving cards.

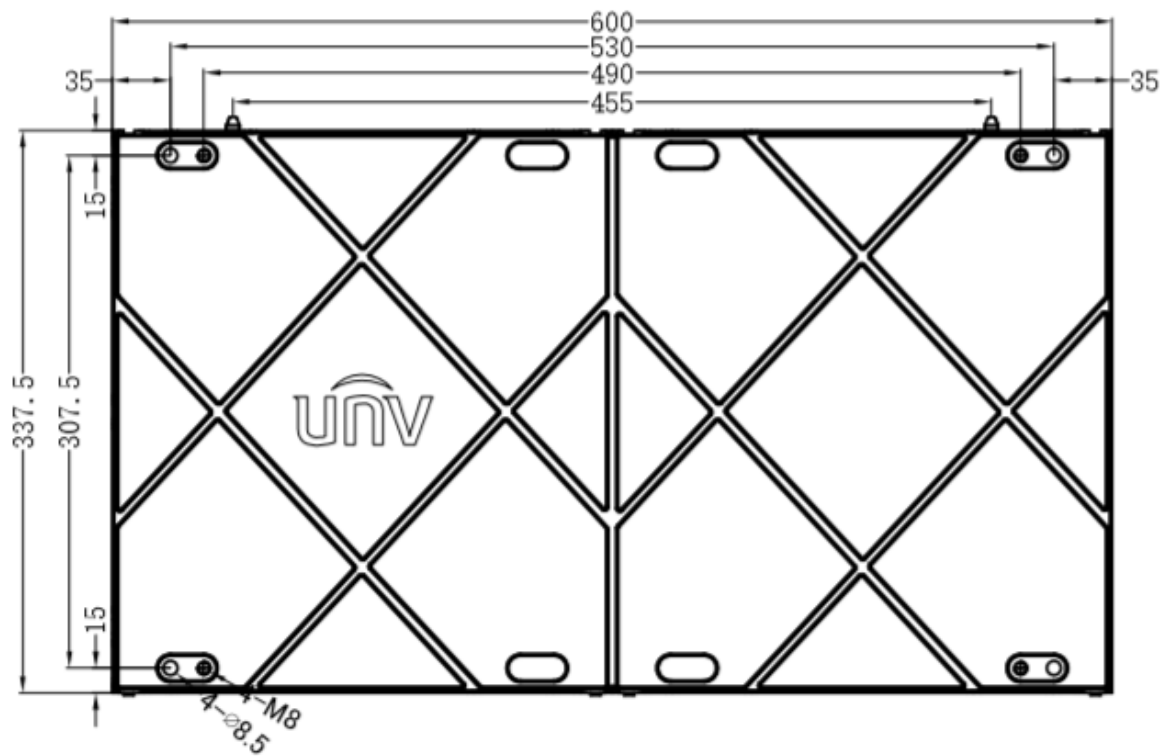
## Specifications

| Model                     | MW7812-FI-ES |
|---------------------------|--------------|
| Module                    |              |
| Pixel Pitch               | P1.25        |
| Module Resolution (W × H) | 240 x 135    |
| Module Dimensions (mm)    | 300 x 168.75 |
| Cabinet                   |              |

|                                            |                               |
|--------------------------------------------|-------------------------------|
| Modules Component (W × H)                  | 2 x 2                         |
| Cabinet Dimensions (W × H × D) (mm)        | 600 x 337.5 x 32.3            |
| Cabinet Resolution (W × H)                 | 480 x 270                     |
| Material                                   | Die-cast aluminum             |
| Processing Image                           |                               |
| Single Pixel Brightness Correction         | Support                       |
| Single Pixel Color Correction              | Support                       |
| Brightness (nits)                          | 600                           |
| Color Temperature (K)                      | 6500 to 9300 adjustable       |
| Viewing Angle (H/V)                        | 160°/140°                     |
| Center Distance Deviation of LED           | <3%                           |
| Brightness Uniformity                      | ≥97%                          |
| Color Uniformity (Cx, Cy)                  | ±0.003                        |
| Contrast Ratio                             | 4000:1                        |
| Processing performance                     |                               |
| Pixel Density (pitch/m <sup>2</sup> )      | 640000                        |
| Surface Evenness (mm)                      | ≤0.2                          |
| Grayscale (bit)                            | 14bit                         |
| Scanning Mode (S)                          | 60                            |
| Drive Mode                                 | Constant current driving      |
| Refresh Rate (Hz)                          | ≥3840                         |
| Electrical                                 |                               |
| Power Supply                               | AC 100 to 240 V, 50/60 Hz     |
| Average Power Consumption (W)              | 161                           |
| Max. Power Consumption (W/m <sup>2</sup> ) | 485                           |
| General                                    |                               |
| Maintenance Mode                           | Front maintenance             |
| Ingress Protection                         | IP30                          |
| Weight (kg/pcs)                            | 4.5                           |
| Operating Temperature                      | -10°C to +40°C                |
| Operating Humidity                         | 10% to 80% RH, non-condensing |
| Storage Temperature                        | -20°C to +60°C                |
| Storage Humidity                           | 10% to 85% RH, non-condensing |
| LED Lifetime (h)                           | 50000                         |

## Dimensions





## Ordering Info

| Product Model | Description                        |
|---------------|------------------------------------|
| MW7812-FI-ES  | P1.2 Indoor Fine Pixel LED Display |

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