

P4 Outdoor Fixed LED Display

MW7840-FO-E



Features

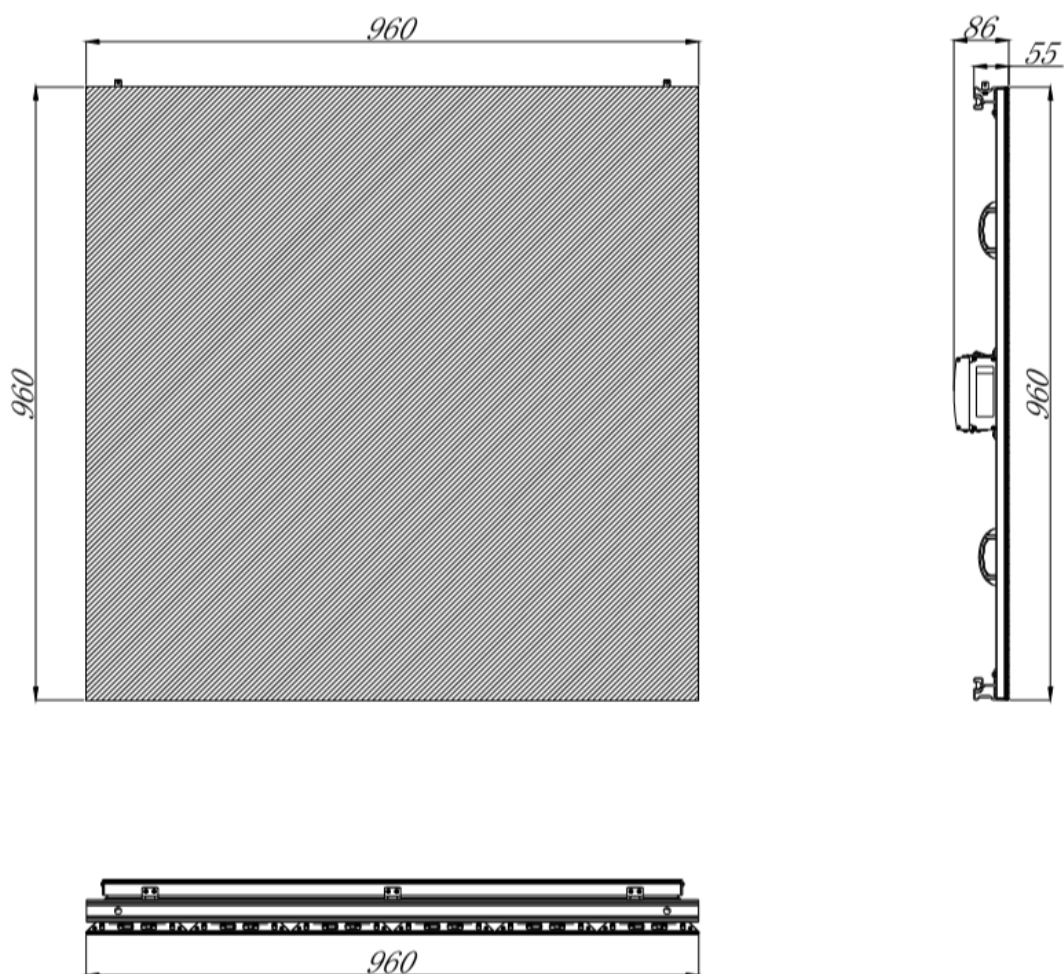
- High refresh rate, high brightness, wide viewing angle, no glare, and low attenuation offer better visual experience.
- High grayscale image delivers more details.
- Supports 360° arc splicing screen for naked-eye 3D display effect.
- Aluminum alloy cabinet, each only weights 24kg.
- The modular design of the whole device supports complete front and rear maintenance, efficient and convenient.
- The module uses aluminum alloy casing, with better thermal stability and heat dissipation.
- CNC precision machining achieves high dimensional accuracy and good flatness.
- IP65 rating can withstand harsh outdoor environment.

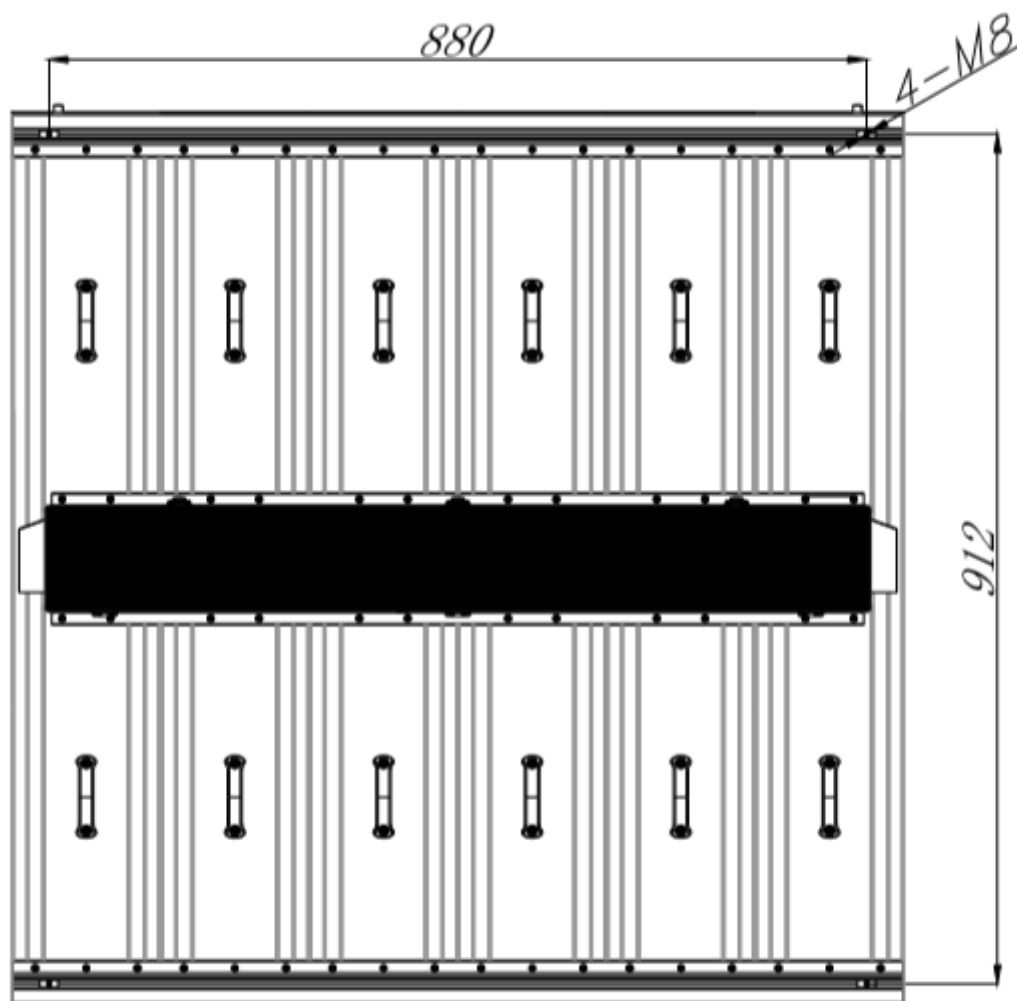
Specifications

| | |
|-------------------------------------|-------------------|
| Model | MW7840-FO-E |
| Module | |
| Pixel Pitch | P4 |
| Module Resolution (W × H) | 40 × 240 |
| Module Dimensions (mm) | 160 x 960 |
| Cabinet | |
| Cabinet Dimensions (W × H × D) (mm) | 960 x 960 x 86 |
| Cabinet Resolution (W × H) | 240 x 240 |
| Material | Aluminium Profile |
| Processing Image | |
| Single Pixel Brightness Correction | Support |

| | |
|---|--|
| Single Pixel Color Correction | Support |
| Brightness (nits) | 5000 (Standard) 5000-10000 (Optional) |
| Color Temperature (K) | 3500 to 9300 |
| Viewing Angle (H/V) | 120°/120° |
| Center Distance Deviation of LED | <3% |
| Brightness Uniformity | ≥97% |
| Color Uniformity (Cx, Cy) | ±0.003 |
| Contrast Ratio | 3000 : 1 |
| Processing performance | |
| Pixel Density (pitch/mm) | 62500 |
| Grayscale | 14bit |
| Scanning Mode | 10S |
| Drive Mode | Constant current driving |
| Refresh Rate (Hz) | 3840 |
| Electrical | |
| Power Supply | AC 100 to 240 V |
| Average Power Consumption (W/m ²) | 250 |
| Max. Power Consumption (W/m ²) | 750 |
| General | |
| Maintenance Mode | Rear maintenance |
| Ingress Protection | IP65 |
| Weight (kg/pcs) | 24 |
| Operating Temperature | -20°C to +50°C |
| Operating Humidity | 10% to 90% RH, non-condensing |
| Storage Temperature | -40°C to +60°C |
| Storage Humidity | 10% to 90% RH, non-condensing |
| LED Lifetime (h) | 50000 |
| Certifications | CE/FCC |

Dimensions





Ordering Info

| Product Model | Description |
|---------------|------------------------------|
| MW7840-FO-E | P4 Outdoor Fixed LED Display |

Zhejiang Uniview Technologies Co., Ltd.

No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China

Email: overseasbusiness@uniview.com; globalsupport@uniview.com

<http://www.uniview.com>

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