

P2.5 Outdoor LED Display Unit

MW7825-FO-E



Features

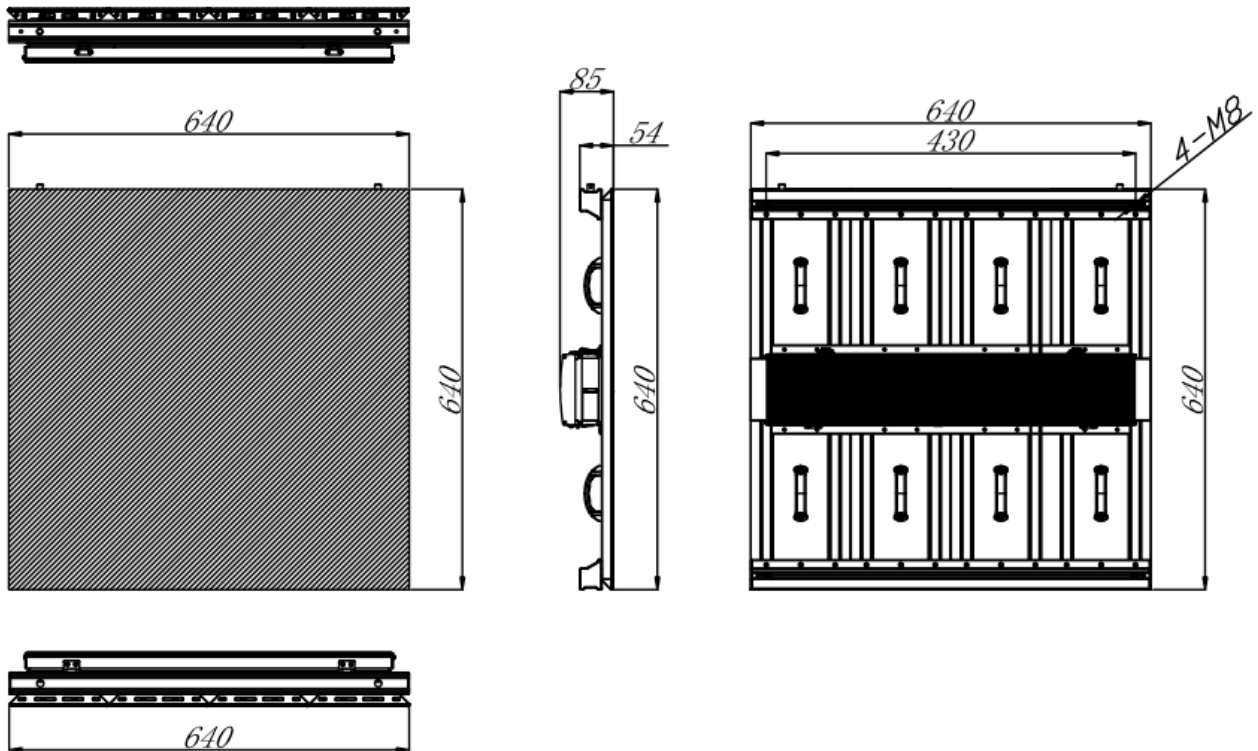
- High refresh rate, high brightness, wide viewing angle, no glare, and low attenuation offer better visual experience.
- High grayscale image delivers more details.
- Supports 360° arc splicing screen for naked-eye 3D display effect.
- Aluminum alloy cabinet, each only weights 25kg.
- The modular design 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

Module	Description
Pixel Pitch	P2.5
Module Resolution (W*H)	64*256
Module Dimensions (mm)	160*640
Cabinet	Description
Cabinet Dimensions (W*H*D) (mm)	640*640*85
Cabinet Resolution (W*H)	256*256
Material	Aluminium Profile
Processing Image	Description
Single Pixel Brightness Correction	Support
Single Pixel Color Correction	Support
Brightness (nits)	5000
Color Temperature (K)	2000 to 9500
Viewing Angle (H/V)	140° /120°
Center Distance Deviation of LED	<3%
Brightness Uniformity	≥95%
Color Uniformity (Cx,Cy)	±0.003Cx,Cy
Contrast Ratio	3000: 1
Processing performance	Description
Pixel Density (pitch/m ²)	160000
Grayscale	14bit
Scanning Mode	16S
Drive Mode	Constant current driving
Refresh Rate (Hz)	3840
Electrical	Description
Power Supply	AC 100 to 240V
Average Power Consumption (W/m ²)	250
Max. Power Consumption (W/m ²)	750
General	Description
Maintenance Mode	Rear maintenance
Ingress Protection	IP65
Weight (Kg/pcs)	14
Operation Temperature	-20° C to +50° C
Operating Humidity	10% to 90%RH, non-condensing

Storage Temperature	-30° C to +60° C
Storage Humidity	10% to 95%RH, non-condensing
LED lifetime (h)	100000

Dimensions



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